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EPA-CEQ RELEASE STUDY OF ECONOMIC EFFECTS OF POLLUTION CONTROL

A study entitled "Macroeconomic Impacts of Federal Pollution Control Programs: 1976 Assessment" was jointly released November 19 by CEQ and EPA. Pollution control expenditures required by Federal law are shown to have a "noticeable but modest" effect on the Nation's overall growth, unemployment and prices. The text is reprinted beginning on page 4.

CEQ ANNOUNCES PUBLIC HEARING ON FEDERAL ENERGY RESEARCH AND DEVELOPMENT

A three-day public hearing on the environmental and energy conservation aspects of the Federal government's energy research and development efforts is scheduled for December 14-16 in the Thompson Conference Center at the University of Texas in Austin.

CONFERENCE ON PUBLIC POLICY ISSUES IN NUCLEAR WASTE MANAGEMENT

A brief report on the National Conference held in Chicago October 27-29 appears on page 34.

UPDATED CEQ PUBLICATIONS LIST

An updated list of CEQ publications appears on page 35.

CONTENTS

Economic Effects of Pollution Control Study	3
Nuclear Waste Management Conference Report	34
Updated CEQ Publications List	35
State-County Index of EISs Filed with CEQ During October, 1976	47
Agency Index of EISs Filed with CEQ During October, 1976	54
Statements Filed During October, 1976	60
Cummulative Summary	117
EPA Listings	118
Subscription Information	142

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News Release

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EPA-CEQ RELEASE STUDY OF ECONOMIC EFFECTS OF POLLUTION CONTROL

The Environmental Protection Agency and the Council on Environmental Quality today jointly released a study, entitled "Macroeconomic Impacts of Federal Pollution Control Programs: 1976 Assessment" analyzing the impact of pollution control programs on the U.S. economy. Prepared under contract by Chase Econometrics Associates, Inc., the 27-page report updates an initial study by Chase released in January 1975. The purpose of the study was to assess the incremental impact of environmental regulations on the economy.

Covering the period 1970-1983, the report shows that pollution control expenditures required by Federal law are having a "noticeable but modest" effect on the Nation's overall economic growth, unemployment and prices.

The report reaches the following conclusions:

-- The stimulus of increased expenditures on pollution control equipment in the early years of the period has raised the rate of economic growth through 1976 above the rate of increase which otherwise would have occurred. The differential in the rate of growth as measured by constant-dollar Gross National Product (GNP), is estimated as 0.2% higher in 1976 with pollution control expenditures than it otherwise would have been. In the latter half of the period, however, lower levels of investment in pollution controls, combined with a higher rate of inflation, point to a slower rate of economic growth. By 1983, real GNP is projected to be 2.2 percent below the baseline forecast, although this difference is expected to diminish after 1983.

-- In keeping with the pattern of overall economic growth, the unemployment rate is estimated to be 0.4% lower in 1976 and 0.5% lower in 1977 than it otherwise would have been. However, it gradually rises to a level of 0.2% above the baseline forecast by 1983.

-- On a cumulative basis, by 1983, the Wholesale Price Index (WPI) will have risen 5.8% more, the Consumer Price Index (CPI)will have risen 4.7% more, and the implicit GNP deflator will have risen 3.6% more than would have been the case in the absence of pollution control expenditures. These correspond to an average annual rate of increase of 0.5% for the WPI, 0.4% for the CPI, and 0.3% for the GNP deflator over this period.

-- Pollution control cost estimates provided by CEQ and EPA are consistent with the CEQ estimates of "incremental abatement costs" published in the sixth CEQ Annual Report. These estimates represent "incremental" costs that will be incurred as a result of Federal pollution control regulations which would not have been incurred in the absence of the legislation.

A limited number of copies of the report will be available for the press at the EPA News Services Division, Waterside Mall, and are generally available from the Council on Environmental Quality, 722 Jackson Place, NW, Washington, D. C. 20006.

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THE MACROECONOMIC IMPACTS OF FEDERAL POLLUTION CONTROL PROGRAMS: 1976 ASSESSMENT

Prepared for the
Council on Environmental Quality
and the
Environmental Protection Agency
under contract EQ6AC015
by
Chase Econometric Associates, Inc.
1976

Copies available from the
Council on Environmental Quality
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TABLE OF CONTENTS

Introduction 1

Principal Conclusions 2

Pollution Abatement Costs 4

Operation of Model 9

Results of Analysis 11

Conclusion 27

INTRODUCTION

This study represents an updating and continuation of the work done in previous years by Chase Econometrics for the Council on Environmental Quality (CEQ) and the Environmental Protection Agency (EPA) in assessing the macroeconomic impact of Federal environmental programs.[1] The analysis uses abatement cost estimates for the period 1970-1983 supplied by CEQ for air and water pollution abatement; these figures are given in Table 1. The estimates include capital investment, annualized capital costs, and operating and maintenance costs for each of the years in the period of analysis, and are disaggregated by two-digit industry. The cost estimates are consistent with the "incremental abatement costs" estimates published in the CEQ 1975 annual report.

The analysis was performed using the Chase Econometrics macroeconomic and input/output models, which are linked together to allow analysis of both the impacts that different industries have on one another and on the interaction between pollution control expenditures and general economic factors such as the rate of growth, inflation, unemployment, and financial markets.

Most of the analysis is based upon the CEQ estimated level and timing of costs superimposed on a general cyclical economic scenario taken from a recent Chase Econometrics ten-year forecast. The impacts of the pollution control expenditures are estimated by comparing the economic forecasts including these expenditures (the "with" scenario) with a forecast which is similar in every respect except that it excludes such additional environmental expenditures (the "without" scenario). It should be noted, however, that the inclusion of these expenditures involves several sets of adjustments to the model, which are discussed in greater detail in the Methodology and Assumptions section. Two additional simulations were calculated, one using 125% of CEQ's best estimate of pollution control expenditures, and the other using CEQ's estimate superimposed on a full-employment economic scenario. These alternative scenarios are also discussed later in this report.

Two separate sets of simulations were performed in calculating the economic impact of pollution control expenditures for the period 1970-1983. We first determined what effect pollution control has already had over the period 1970-1975. This was done by comparing the actual values of economic variables with those that would have occurred in the absence of incremental pollution control expenditures. Thus these expenditures were subtracted

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[1] The Economic Impacts of Meeting Exhaust Emission Standards, 1971-1980, October, 1971; The Economic Impact of Pollution Control Upon the General Economy, October, 1972; The Economic Impact of Pollution Control: Macroeconomic and Industry Reports, July, 1973; The Economic Impact of Pollution Control: Macroeconomic and Industry Reports, March, 1975.

from the historical data. For the period 1976-1983 estimated pollution control expenditures are added to the baseline forecasts. The results which are reported here are thus the sum of the effects which have already occurred from 1970 to 1975 plus those which are expected to occur from 1976 to 1983.

PRINCIPAL CONCLUSIONS

Impact on Inflation

Over the period 1970-1983, the wholesale price index will have risen 5.8% more, the consumer price index will have risen 4.7% more, and the implicit GNP deflator will have risen 3.6% more than would have been the case in the absence of pollution control expenditures. These correspond to an average annual rate of increase of 0.5% for the WPI, 0.4% for the CPI and 0.3% for the GNP deflator over this period.

The largest single-year increments occur in 1977, when the WPI rises 0.7% more, the CPI rises 0.7% more, and the GNP deflator 0.5% more because of pollution control expenditures. The increases are almost this large in 1975 and 1976; thus during the three-year peak period the WPI rises 1.9% more, the CPI rises 1.4% more, and the GNP deflator 0.8% more.

Impact on Economic Growth

The stimulus of increased expenditures on pollution control growth offsets the negative effects of higher inflation and lower productivity growth in the early years of the period, and is projected to raise the rate of economic growth above what it would have otherwise been through 1976. The maximum differential constant-dollar GNP is 0.2% higher with pollution control expenditures. In the latter half of the period, however, lower levels of pollution control investment combined with a higher rate of inflation lead to a slower rate of economic growth. By 1983 real GNP is projected to be 2.2% below the baseline forecast.

Impact on Unemployment

In keeping with the pattern of overall economic growth, the unemployment rate is estimated to be 0.4% lower in 1976 and 0.5% lower in 1977 than it otherwise would have been. However, it gradually rises to a level of 0.2% above the baseline forecast by 1983. The increase in unemployment is somewhat less than might be expected for the decline in real GNP because of the lower level of labor productivity.

Impact on Investment

The CEQ cost estimates indicate that incremental pollution control investment will reach a peak of approximately 3-1/2 percent of total private plant and equipment expenditures in 1977. Depending on such general economic factors as the rate of unemployment and interest rates, this investment is expected to result in somewhat lower levels of other types of plant and equipment expenditures. In general, the closer the economy is to operating at full employment, the greater the degree of substitution.

However, the rate of substitution is usually less than a dollar of other investment for every dollar of pollution control investment.[2] Most of this substitution does not occur from other business investment, but rather from residential construction, which is particularly sensitive to high interest rates and the availability of loanable funds. Even this impact depends upon the policies being pursued by government, and the simulations reported here included no adjustment in such policies to compensate for any adverse impacts on interest rates.

The simulations show the Aa corporate bond yield rising almost 12% (1.1 percentage points above the base line) in 1977, and, in response, housing starts dropping by over 20% the following year. By 1983 the with and without projections begin to converge so that interest rates are 1.0 percentage points higher, housing starts 13.5% lower and plant and equipment investment 0.8% higher under the projection including pollution control expenditures.

The analysis in this study is carried only through 1983, and the results provide little indication of what can be expected after that date. For instance, the difference between real GNP with and without environmental expenditures is widening during the latter years of these projections. However, if pollution abatement expenditures were to drop rapidly after 1984, we would also expect the "with" and "without" projections to begin to come together again. Under these conditions we would also expect little difference in unemployment, and the difference in the price indices to stabilize (but not diminish).

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[2]The average rate of substitution, based on a number of simulations performed with the Chase Econometrics macro model under different assumptions about underlying economic conditions, is $0.40 reduction in all other private investment for every $1.00 in pollution control investment.

POLLUTION ABATEMENT COSTS

The cost estimates used in this analysis are consistent with the most recent CEQ estimates of "incremental abatement costs" published in its 1975 annual report. The CEQ defines "incremental" abatement costs as expenditures made to satisfy the requirements of Federal environmental legislation beyond what would have been spent for pollution control in the absense of this legislation.

The cost estimates, which are predominantly based upon cost estimates provided by EPA, the National Commission on Water Quality, and private sources, are summarized in Table 1.[3] Those figures were made available to Chase Econometrics for 16 industrial classifications, most of them at the two-digit level. These figures were given on an annual basis for the years 1970 to 1983 and were separated into expenditures for air pollution and water pollution abatement. The estimates included investment cost, annual operation and maintenance costs, and depreciation and interest charges. All figures were given in 1974 dollars. In addition, figures were supplied for the cost of meeting mobile source emission standards for automobiles, and municipal water pollution abatement.

In addition to the basic analysis using the cost estimates summarized in Table 1, two other sensitivity analyses were run. The first alternative scenario assumed that all costs were increased by 25% in order to estimate the likely macroeconomic impact if the CEQ estimates were significantly understated. The second alternative scenario used the unadjusted CEQ estimates for pollution control expenditures but these were superimposed on an economic setting with very rapid growth and a return to full employment by 1980.

METHODOLOGY AND ASSUMPTIONS

The baseline values for the overall economic scenario are taken from the Chase Econometrics long-term macroeconomic outlook. In this forecast we predict a continuation of the boom throughout mid-1977, and a decline in the rate of unemployment to 6½%. After that, the economy is plummeted into another recession in 1978 with the unemployment rate reaching a peak of 10%. The economy begins a prolonged recovery in 1980 but the unemployment rate remains above 6% until 1983. The indicated growth rate for real

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[3] See the appendix to Chapter 4 of CEQ's 1975 annual report for a further description of sources for cost estimates.

Table 1

Estimated Incremental Pollution Control Expenditures, 1970-1983

	Air Pollution Abatement Costs 1970-75		Water Pollution Abatement Costs 1970-75		Air Pollution Abatement Costs 1976-83		Water Pollution Abatement Costs 1976-83	
	Investment	Annual	Investment	Annual	Investment	Annual	Investment	Annual
Food & Beverages[a]	0.19	0.15	0.54	0.55	0.33	0.89	0.54	1.77
Textiles	0	0	0.08	0.10	0	0	0.23	0.38
Pulp and Paper Products	0.87	0.45	0.59	0.46	1.11	4.25	4.10	3.48
Chemicals	0.84	0.79	0.84	0.85	1.27	3.54	7.61	10.74
Petroleum[b]	1.43	0.86	1.21	1.77	0.57	3.29	2.36	4.51
Rubber & Misc. Plastic Products	0.10	0.09	0	0	0.25	0.64	0	0
Other Nondurables	0.09	0.04	0.11	0.09	0.24	0.55	0.54	0.73
Stone, Clay & Glass	0.65	0.62	0.06	0.21	1.37	3.32	0.03	0.53
Iron & Steel	1.19	1.25	0.35	0.32	1.88	6.17	1.81	1.80
Primary Nonferrous Metals	1.83	1.42	0.17	0.12	1.25	6.67	-0.02	0.39
Machinery	0.42	0.53	0.69	0.21	0.69	2.20	8.19	4.59
Motor Vehicles	0.08	0.08	0	0	0.01	0.29	0	0
Other Transportation Equipment	0.06	0.09	0.31	0.25	0.06	0.28	0.80	1.57
Other Durables	0.72	0.81	0.35	0.28	1.08	3.27	1.20	1.97
Total Industrial	8.50	7.17	5.29	5.21	10.11	35.34	27.40	32.46
Electricity	4.75	3.35	2.20	1.00	11.03	28.95	2.53	7.49
Utilities	0.10	0.07	0	0	0.26	0.61	0	0
Other Nonmanufacturing	0.18	0.20	0.41	0.13	0.17	1.73	0.75	1.63
Total Fixed Source	13.53	10.79	7.91	6.35	21.56	66.63	30.69	41.58
Mobile Source emission controls	5.59	22.93	0	0	32.02	56.81	0	0

[a] Includes feedlots

[b] Includes mining

All figures are in billions of 1974 dollars.

The definitions of investment and annual costs are given on page 3.

GNP for the period 1976-1979 averages only 2.1% but rebounds to 5.3% for the period 1980-1983. The rate of inflation as measured by the consumer price index averages 6.2% from 1976 to 1979 and then declines to 5.2% from 1980 to 1983.

Other major factors of the baseline forecast include the assumption that the Federal government budgets will remain at approximately the $70 billion deficit expected this year. The personal savings rate will average 7.7% for the period, indicating it will remain near its present level. However, this does represent an increase from the postwar average of 6½%, due primarily to a higher average rate of inflation. New car sales are projected to be 10.6 million units in 1976, declining to 9.4 million in 1978, and then rising from that point to 12.7 million units in 1983. Housing starts will decline from their level of 1.5 million units this year to 1.0 million units in 1978 but will rebound to an average of 2 million units for the 1980-1983 period.

The alternative economic scenario is the so-called "Path A" taken from the Five Year Budget Projections prepared by the Congressional Budget Office. Under these assumptions, real GNP will grow 7.5% in 1976, 7% in 1977 and 1978, and then a gradual decline to 3.8% in 1981 and later years. The unemployment rate is assumed to decline from 7.4% in 1976 to 4.5% in 1980 and later years. The rate of inflation, as measured by the implicit GNP deflator, remains at 6.6% over the forecast period, while the annual rate of increase in the CPI declines gradually from 7.2% in 1976 to 6.6% in 1980 and later years.

We now consider the major steps which were taken to enter the EPA pollution cost figures into the Chase Econometrics industry and macro models. It should be noted that the procedure described below is used for the 1976-1983 period. For the 1970-1975 period, the procedure was followed in reverse; i.e., "add" becomes "subtract" in the following summary.

1) Enter the estimated investment costs for each industry into the model as an addition to the year-by-year demand for plant and equipment investment. These adjustments have two effects: (a) they are added directly to the investment functions in the model (see (7) below), and (b) they increase the asset base on which firms must earn the normal rate of return, hence resulting in higher prices.

2) Enter the annual operation and maintenance costs and interest costs on pollution control investments into the model as an increase in each industry's production costs.

3) Apply "markup" factors to the increase in production costs, including capital depreciation, interest charges, and operation and maintenance, to determine the increase in prices. The

markup factors, which represent the proportion of increased costs passed along as higher prices, have already been calculated on an industry-by-industry basis in the Chase Econometrics industrial models. The markups in general range from 0.8 to 1.0. A markup factor of 1.0 indicates that the average firm in the industry will raise its prices by the same proportion as the increase in costs.

4) Calculate the effect which these price increases will have on all industries. The previous step calculates only the direct effect of pollution controls on prices; that is, the amount that the price of steel (e.g.) rises because the steel industry invests in pollution control plant and equipment. However, we must also consider the effects which an increase in steel will have on machinery, autos, and other steel-using industries. In other words, we must measure the indirect as well as the direct effects of the price increases in each industry.

5) Convert the price increases by final demand categories to price increases by aggregate demand categories. We use a reverse bridge matrix to go from the 40 categories of final demand to the aggregate demand components contained in the Chase Econometrics macro model.

6) Translate the price increases which come from the input-output table and the bridge matrix--as given in (5) above--into actual ex post price changes by using the markup factors at the macro level. Until this has been accomplished we do not yet know what changes in final product prices will be, since the cost increases may not be fully passed along. Thus we use the markup factors at the final demand level (consumption, investment, and exports) to determine what the price rise will be before taking into account interactive and dynamic factors. These markup factors range from 0.8 to 1.1.

7) Adjust for changes in fixed business investment due to pollution control expenditures. Since more investment will be needed, the constant terms in the investment functions should be raised accordingly. However, we adjust the rental cost of capital upward by the percentage of investment for pollution control because it will now take more investment to produce a given amount of output. Hence the required rate of return on investment for capacity expansion will have to increase to offset the zero financial return on the pollution control investments.

8) Labor productivity was adjusted downward through the exogenous variable in the model which measures the rate of technological progress. This downward adjustment offsets the increase in productivity which otherwise would occur from an increase in the capital stock.

9) The index of industrial production was increased to represent the manufacture of auto emission control devices.

10) The consumption of transportation services was increased because of higher operating and maintenance costs due to the catalytic converters and other pollution control devices.

11) Corporate profits were adjusted downward to take into account the added costs of pollution control. The existing profit functions would show an increase in profits if prices rose and unit labor cots, raw material prices, interest rates, output and capacity utilization all stayed at the same level.

A final round of price and output changes were then obtained by solving the complete Chase macroeconomic model, taking into account the interactive and dynamic factors.

OPERATION OF MODEL

We now consider the interactive and dynamic features of the macroeconomic model. The additional plant and equipment expenditures for pollution control will reduce the amount of investment in the private sector undertaken for other purposes. Part of this effect has already been included by raising the value of the rental cost of capital term.[4] However, several other factors need to be taken into account. First, an increase in nominal investment will place greater pressure on the capital markets, thus increasing interest rates and lowering other investment. Second, the increased investment demand will cause an increase in the costs of construction materials, labor, and equipment which results in some decline in constant dollar investment for a given level of output and financial variables. Third, a significant substitution exists between residential and nonresidential construction. This substitution works through changes in three variables: credit availability, the cost of construction, and the availability of labor. Since housing is more sensitive than other construction to all three of these variables, it suffers the greatest decline when other sectors of investment increase. The average elasticity of substitution between pollution control expenditures and other fixed investment is approximately 0.4, as has already been mentioned. This value can reach even larger values during periods of overfull employment and stringent monetary policy, although it does not in these simulations.

It should be mentioned that a higher rate of inflation leads to a slower rate of growth in the economy for a number of other reasons. The most important link: a rise in the rate of inflation increases the savings rate and hence reduces consumption. According to the permanent income hypothesis, the marginal propensity to consume is lower for variable incomes than it is for fixed incomes. Yet clearly inflation penalizes those on fixed incomes at the expense of those on variable incomes. During inflation the decline in consumption by those on fixed incomes is not nearly matched by the increase in consumption by those on variable incomes--even if we assume that income changes are the same--and thus the savings rate rises. This is one of the important endogenous relationships in the macro model, and works through the income distribution and relative price terms in the consumption function. In addition there is a relative decline in durable purchases which is not balanced by the slightly higher spending on services.

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[4] The rental cost of capital is defined as $\frac{P_K\,(r+\delta)\,(1-uz-k)}{P_W\,(1-u)}$ where

P_K = supply price of capital goods
r = cost of borrowed funds
δ = depreciation rate
u = marginal statuatory tax rate
z = depreciation factor
k = investment tax credit rate
P_W = wholesale price index

The other channels by which a rise in prices lower real output are more straightforward and require only brief commentary. First, for a given nominal money supply, higher prices must lead to a lower real money supply and hence an increase in interest rates unless there has been a specific offsetting shift in the liquidity preference function; this leads to the effects on investment which have already been discussed. Second, an increase in domestic prices for a given level of foreign prices leads to a deterioration in the net foreign balance in constant prices, although if the sum of the price elasticities of exports and imports is less than unity, the balance in nominal terms may increase. Third, a government budget which is fixed in current dollars buys fewer goods and services and generates less employment if prices increase. If the government attempts to retain its real purchasing power, it can do so only by creating additional money, which will in turn raise prices, or by borrowing additional funds, which will raise interest rates. We have chosen to assume that this latter route is operative, as indicated in our earlier discussion of constant adjustments.

All of these linkages reinforce the result that a rise in costs and prices will reduce aggregate demand and raise unemployment. As soon as this happens, however, secondary effects which act in the opposite direction begin to surface. A rise in unemployment will result in a lower level of wage increases in following years. Thus unit labor costs and prices will not rise as much for a given increase in productivity. In addition, the lower level of capacity utilization leads to lower markup factors. When these events begin to increase in importance, the rate of price increase starts to diminish. The decline in real GNP and employment, which was originally caused by higher prices, also begins to slacken. As this continues, prices and real GNP tend to return toward the level which would have occurred if the additional costs had not been added. Under a fairly wide variety of assumptions it is likely that the economy will eventually return to the level of output and employment which would have occurred in the absence of expenditures for pollution control, although prices will remain somewhat higher because of a lower level of productivity.

RESULTS OF ANALYSIS

Impact on Prices

The economic effects of pollution control expenditures are found to be rather modest. By 1983 the implicit GNP deflator is only 3.6%, the wholesale price index 5.8%, and the consumer price index 4.7% above their respective baseline values. The biggest price effect occurs in 1977, when the GNP deflator with pollution control costs rises 0.5% more than in the baseline scenario. The difference in all other years is much less. The wholesale price index rises an additional 0.9% in 1976 and 0.7% in 1977 because of pollution control expenditures, while the consumer price index rises an additional 0.7% in 1977.

The fact that some price increase does occur is no surprise, since it is assumed that pollution control expenditures do not increase output per unit of labor or capital. The increased aggregate demand caused by the pollution control expenditures with no compensating increase in aggregate production inevitably results in higher prices. The amount of inflation will depend upon how much "slack" there is in the economy. At "full employment," the price increases caused by the additional demand would be greater than during a period of sluggish economic growth or actual decline. Even with a sluggish economy, however, there will be some price increase as firms pass on higher production costs in the form of higher prices, and as resources are competed away from other sectors to the production and installation of pollution control equipment.

Impact on Economic Growth

There has been a considerable amount of disagreement about whether pollution control expenditures on balance increase or diminish the rate of real growth and employment. Some economists have argued that the additional expenditures associated with pollution control investment will result in a higher growth rate and hence a higher level of employment. Our results support this analysis for most of the period before 1977, although the pattern is mixed for the 1973-1976 period because of the countervailing forces of greater investment and higher inflation. However, the negative effect of inflation clearly outweighs the positive effect of higher investment on real growth in 1977 and later years. This latter effect works through several different channels, which have already been described in the previous section.

As a result, we have a somewhat variegated picture of an incremental pattern of real growth over the forecast period. During the early years--1970 through 1973--real GNP is higher than the baseline solution and hence unemployment is lower. The pattern is mixed in 1974, 1975, and 1976, but by 1978 and succeeding years the picture is definitely reversed. First,

Table 2

Estimated Impact of Pollution Control Expenditures on the Economy--1970-1983

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Gross National Product, Current Dollars														
Without pollution control costs	979.4	1060.2	1168.4	1304.8	1405.1	1495.2	1683.5	1875.7	2002.2	2118.4	2346.6	2629.2	2904.3	3186.1
With pollution control costs	981.4	1063.2	1173.8	1312.1	1413.9	1505.8	1703.7	1897.7	2022.0	2142.7	2373.8	2660.4	2939.2	3226.6
% Difference	.20	.28	.46	.56	.63	.71	1.20	1.17	.99	1.15	1.16	1.19	1.20	1.27
Gross National Product, 1974 Dollars														
Without pollution control costs	1254.1	1292.0	1367.7	1442.2	1416.5	1387.4	1479.3	1550.5	1559.1	1573.9	1660.4	1766.8	1855.6	1934.3
With pollution control costs	1256.0	1293.4	1369.9	1443.1	1414.8	1384.4	1480.6	1543.0	1543.1	1555.7	1636.9	1736.8	1819.0	1892.4
% Difference	.15	.11	.16	.06	-.11	-.22	.09	-.48	-1.03	-1.16	-1.42	-1.70	-1.97	-2.17
Implicit GNP Deflator, 1974 = 100														
Without pollution control costs	78.0	82.1	85.6	90.4	99.2	107.8	113.7	120.9	128.4	134.6	141.3	148.8	156.5	164.7
With pollution control costs	78.1	82.2	85.7	90.9	100.0	108.7	115.0	122.9	131.0	137.7	145.0	153.2	161.6	170.6
% Difference	.13	.12	.12	.55	.81	.83	1.14	1.65	2.02	2.30	2.62	2.96	3.26	3.58
Consumer Price Index, 1974 = 100														
Without pollution control costs	78.6	81.8	84.4	89.5	99.2	108.0	115.6	123.9	132.4	138.6	145.7	153.2	161.1	169.9
With pollution control costs	78.6	82.0	84.7	90.0	100.0	109.3	117.4	126.7	136.0	143.0	151.0	159.4	168.3	177.9
% Difference	.00	.24	.36	.56	.81	1.20	1.56	2.26	2.72	3.17	3.64	4.05	4.47	4.71
Wholesale Price Index, 1974 = 100														
Without pollution control costs	71.3	73.8	76.2	81.2	99.0	109.9	118.8	129.4	141.3	149.6	160.9	170.9	180.9	191.5
With pollution control costs	71.4	74.1	76.6	81.8	100.0	111.5	121.5	133.2	146.1	155.5	168.1	179.3	190.6	202.6
% Difference	.14	.41	.52	.74	1.01	1.46	2.27	2.94	3.40	3.94	4.47	4.92	5.36	5.80
Unemployment Rate, Percent														
Without pollution control costs	5.2	6.2	5.8	4.9	5.7	8.5	7.2	6.8	8.3	9.9	8.7	7.0	6.1	5.5
With pollution control costs	5.1	6.1	5.6	4.7	5.5	8.4	6.8	6.3	8.1	9.7	8.6	7.0	6.2	5.7
% Difference	-1.92	-1.61	-3.45	-4.08	-3.51	-1.18	-5.56	-7.35	-2.41	-2.02	-1.15	.00	1.64	3.64
Fixed Investment in Producers Durable Equipment, 1974 Dollars														
Without pollution control costs	73.3	71.7	79.6	92.2	91.1	79.4	91.1	104.8	102.3	96.3	103.3	117.4	130.6	141.8
With pollution control costs	74.3	72.9	81.7	94.6	93.2	82.0	96.6	110.0	106.0	100.2	106.6	119.6	131.7	142.3
% Difference	1.36	1.67	2.64	2.60	2.31	3.27	6.04	4.96	3.62	4.05	3.19	1.87	.84	.35
Fixed Investment in Nonresidential Structures, 1974 Dollars														
Without pollution control costs	53.6	51.5	52.3	56.0	52.8	45.8	49.9	54.2	57.2	55.8	55.3	64.6	73.6	79.1
With pollution control costs	54.4	52.7	53.7	57.5	53.9	46.8	52.4	57.1	60.8	57.5	56.8	66.0	74.8	80.4
% Difference	1.49	2.33	2.68	2.68	2.08	2.18	5.01	5.35	6.29	3.05	2.71	2.17	1.63	1.64
Housing Starts, Millions of Units														
Without pollution control costs	1.44	2.07	2.39	2.06	1.34	1.17	1.51	1.41	1.04	1.43	2.09	1.91	1.75	1.78
With pollution control costs	1.43	2.04	2.36	2.02	1.28	1.09	1.41	1.14	.82	1.24	1.88	1.67	1.52	1.54
% Difference	-.69	-1.45	-1.26	-1.94	-4.48	-6.84	-6.62	-19.15	-21.15	-13.29	-10.05	-12.57	-13.14	-13.48
Percentage Growth Rate of GNP, 1974 Dollars														
Without pollution control costs	-.7	3.0	5.9	5.5	-1.8	-2.0	6.5	4.8	.6	1.0	5.5	6.4	5.0	4.2
With pollution control costs	-.6	3.0	5.9	5.3	-2.0	-2.2	6.6	4.0	-.2	.6	5.0	5.9	4.5	3.8
% Difference	.1	.0	.0	-.2	-.2	-.2	.1	-.8	-.8	-.4	-.5	-.5	-.5	-.4
Percentage Growth Rate of CPI														
Without pollution control costs	5.9	4.1	3.1	6.0	10.8	8.9	6.1	7.2	6.8	4.7	5.1	5.1	5.2	5.4
With pollution control costs	6.0	4.3	3.3	6.3	11.1	9.2	6.8	8.3	7.8	5.5	5.9	5.9	5.9	6.1
% Difference	.1	.2	.2	.3	.3	.3	.7	1.1	1.0	.8	.8	.8	.7	.7

Table 2 (continued)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Trade Balance, 1974 Dollars														
Without pollution control costs	-11.1	-14.1	-19.6	-4.9	8.5	21.7	7.9	4.4	8.5	11.6	8.3	7.3	12.8	18.1
With pollution control costs	-11.4	-14.4	-20.0	-5.4	8.5	21.5	7.3	3.9	9.3	11.8	8.2	8.3	14.0	19.5
% Difference	-2.70	-2.13	-2.04	-10.20	.00	-.92	-7.59	-11.36	9.41	1.72	4.82	13.70	9.38	7.73
Consumption of Autos and Parts, 1974 Dollars														
Without pollution control costs	91.8	101.8	116.6	127.3	118.7	114.2	131.1	142.4	142.1	140.2	152.9	167.8	177.3	185.8
With pollution control costs	91.9	101.9	116.6	126.9	118.1	113.4	130.3	140.3	138.4	136.0	148.0	161.6	169.9	177.4
% Difference	.11	.10	.00	-.31	-.51	-.70	-.61	-1.47	-2.60	-3.00	-3.20	-3.69	-4.17	-4.52
Consumption of Other Durables, 1974 Dollars														
Without pollution control costs	59.7	61.9	69.2	75.8	75.5	73.8	78.7	85.3	87.0	86.7	92.1	99.7	105.7	111.3
With pollution control costs	59.7	61.9	69.2	75.6	74.1	73.3	77.1	84.0	85.0	84.2	89.1	96.1	101.4	106.4
% Difference	.00	.00	.00	-.26	-1.85	-.68	-2.03	-1.52	-2.30	-2.88	-3.26	-3.61	-4.07	-4.40
Consumption of Nondurables, 1974 Dollars														
Without pollution control costs	353.5	358.1	372.2	384.5	376.0	379.8	404.0	421.2	430.7	432.8	443.4	460.8	477.7	492.1
With pollution control costs	353.8	358.3	372.5	384.7	375.9	379.4	403.7	420.3	428.1	429.2	438.6	454.7	469.7	482.6
% Difference	.08	.06	.08	.05	-.03	-.11	-.07	-.21	-.60	-.83	-1.08	-1.32	-1.67	-1.93
Consumption of Services, 1974 Dollars														
Without pollution control costs	335.3	346.4	367.1	384.0	394.3	402.0	407.0	421.7	434.5	447.4	468.2	489.8	510.4	529.2
With pollution control costs	335.4	346.6	367.1	384.1	394.2	401.6	406.8	420.5	431.6	443.0	462.5	482.7	502.9	519.0
% Difference	.03	.06	.00	.03	-.03	-.10	-.05	-.28	-.67	-.98	-1.22	-1.45	-1.67	-1.93
Disposable Personal Income, Current Dollars														
Without pollution control costs	683.7	738.6	796.0	896.9	976.2	1066.6	1187.5	1329.5	1432.4	1511.6	1665.2	1835.0	2004.3	2181.7
With pollution control costs	684.6	740.6	799.4	902.0	983.2	1075.9	1201.1	1349.1	1453.1	1535.2	1691.9	1864.8	2036.9	2217.8
% Difference	.13	.27	.43	.57	.72	.87	1.15	1.47	1.45	1.56	1.60	1.62	1.63	1.65
Corporate Profits Before Taxes, Current Dollars														
Without pollution control costs	72.2	83.1	97.9	118.9	133.5	118.3	151.1	175.4	161.9	170.8	198.7	217.0	240.8	266.4
With pollution control costs	72.0	82.7	97.3	118.1	132.5	117.1	148.4	172.4	158.6	167.2	194.8	212.8	236.3	261.6
% Difference	-.28	-.48	-.61	-.67	-.75	-1.01	-1.79	-1.71	-2.04	-2.11	-1.96	-1.94	-1.87	-1.80
Corporate Profits After Taxes, Current Dollars														
Without pollution control costs	37.3	44.9	55.5	69.8	80.2	71.8	91.9	108.4	102.9	109.2	127.2	141.4	157.2	173.4
With pollution control costs	37.2	44.7	55.2	69.4	79.7	71.3	90.7	107.2	101.5	107.8	125.8	139.8	155.0	171.7
% Difference	-.27	-.45	-.54	-.57	-.62	-.70	-1.31	-1.11	-1.36	-1.28	-1.10	-1.13	-1.40	-.98
Aa Corporate Bond Rate for New Issues														
Without pollution control costs	8.75	7.51	7.19	7.46	8.99	8.95	9.13	10.15	9.82	8.06	7.51	7.78	8.11	8.66
With pollution control costs	8.81	7.68	7.40	7.73	9.39	9.44	9.90	11.25	10.97	9.18	8.64	8.86	9.15	9.70
% Difference	.69	2.26	2.92	3.62	4.45	5.47	8.43	10.84	11.71	13.90	15.05	13.88	12.82	12.01
Index of Industrial Production, 1974 = 100														
Without pollutioncontrol costs	84.9	84.4	91.3	100.2	99.4	89.2	100.9	110.5	109.4	106.9	114.2	126.3	135.9	143.6
With pollution control costs	85.2	84.8	92.0	101.1	100.0	89.8	102.5	111.7	109.5	107.1	114.0	125.5	134.2	141.5
% Difference	.35	.47	.77	.90	.60	.67	1.59	1.09	.09	.19	-.18	-.63	-1.25	-1.46

less new investment is being added in 1978 and subsequent years. Second, the additional price increases resulting from the environmental expenditures set in motion forces that lead to a slower rate of real growth causing real GNP to be lower and unemployment higher in the "with" solution in the years 1977 through 1983. The greatest decrement in real growth is reached in 1983, when the perturbed real GNP is 2.2% below the baseline solution.

Impact of Investment

Turning to the major components of investment, we find that constant dollar purchases of producers durable goods are up 6.0% in 1976, but most of this increase represents investment in pollution control equipment. Thereafter, a relative reduction in pollution control expenditures occurs, and the difference between the with and without solutions declines steadily to almost zero by the end of 1983. Nonresidential construction is 5% higher in 1976 and 1977 and 6% higher in 1978, but only 1.6% higher in 1982 and 1983. The declines are due entirely to higher costs and a lower level of economic activity, since total incremental pollution control investment remains positive throughout the decade.

Housing starts are hard hit and decline by an average of 7% in 1975 and 1976 and 20% in 1977 and 1978 when monetary stringency is greatest. After that the difference narrows but new starts remain 13% below the baseline solution by 1983. The impact on housing, of course, depends very much on the particular monetary and fiscal policies being pursued by the Federal government. The government, for instance, could take steps directly to aid the housing market. To determine the impact of such a policy on prices and GNP growth, we calculated additional simulation exercises in which we returned housing to its baseline level. We found that stimulating the housing industry simply resulted in reducing the amount of funds available to the remaining borrowing sectors, particularly fixed business investment, and hence had relatively little short-run effect on the overall macroeconomic picture.

Impact on Foreign Trade

The foreign trade balance in constant dollars declines slightly through 1977 relative to the baseline projection. This decline is caused by the combination of higher prices and a higher level of economic activity. However, starting in 1978, the trade balance in constant dollars improves marginally, as the lower level of income depresses imports more than the higher level of domestic prices depresses exports.

Other Economic Impacts

The major components of consumption follow the pattern which might be expected. Beginning in 1973, auto sales are negatively affected because of the mobile source emission controls, and decline by a peak amount of 4.5% in 1983; this corresponds to about 600,000 cars. The change in auto sales is due to a combination of factors which include changes in relative prices, disposable income, the rate of unemployment, and credit conditions. Gasoline prices are explicitly included in the new car equation, but other operations and maintenance costs are not considered as a separate variable.

Disposable personal income (DPI) in current dollars is slightly above the baseline solution in all years. In constant dollars, it follows the general pattern of other aggregate economic variables; it is higher through 1973, about the same for 1974 and then is lower for the remaining period. The actual changes in constant dollars can be calculated by subtracting the percentage changes in the CPI from the percentage changes in DPI. Corporate profits remain below baseline levels in all years. This is partially caused by our assumption that only 90% of the increased costs of pollution controls are passed along in the form of higher prices. No measure for "constant dollar" corporate profits is given, since this term is not easily defined.

In the financial markets, the Aa corporate bond rate for new issues is higher than the baseline solution throughout the simulation period. It is greater by 0.8% (or an 8.4% increase) in 1976; the difference continues to widen to 1978, where the gap is a full 1.1% (or an 11.7% increase). After that it diminishes slightly but still remains 1.0% higher (or a 12% increase) by 1983. Finally, the index of industrial production follows much the same pattern as constant-dollar GNP, with the peak positive difference of 1.6% being recorded in 1976 and the peak negative difference of 1.5% occurring in 1983. The projected levels and differences in interest rates depend, of course, upon monetary policy.

Industry Effects

The effects of pollution control expenditures on 31 major industries are given in Table 2, which shows the percentage changes for prices, output, and employment between the baseline forecast and the simulation with pollution control expenditures. These differences are shown for both 1978 and 1983.

As would be expected, the largest increases in prices occur in those industries which are most directly affected by pollution controls--utilities, nonferrous metals, paper, autos, iron and steel, stone, clay and glass, chemicals, and petroleum. However, it is also interesting to note that all 31 industries show some increase in prices, even those which are not directly affected to any substantial degree by pollution control expenditures. The increases in 1983 are larger than those in 1978 for all industries. It

should be noted that all of these figures are cumulative from 1970; in order to get the average annual rate of price increase, the figures in the 1978 column should be divided by 8 and those in the 1983 column by 13.

All industries show a decline in output in 1978 relative to the baseline forecast except for nonelectrical machinery, which represents the increase in purchases of pollution control equipment. By 1983 even this sector is below the "without" case because of the lower overall growth. The employment figures follow the same general pattern of fluctuation on an industry basis, but they do not decline as much because the slower growth in productive capital spending leads to a smaller increase in productivity.

The price increase for new cars includes the effect of mobile source emission standards as well as the stationary source standards considered elsewhere in this study. In 1976 the pollution control standards have raised the average price of a new car by $270. Of this amount, $190 represents mobile source emissions, $20 represents direct costs to the automobile industry for their own plant and equipment expenditures, and $60 represents the higher costs of purchased materials, mainly metals.

Sensitivity Analyses

We now consider the results of two alternative simulation analyses which tested changes in the underlying assumptions about the condition of the economy and the level of pollution abatement expenditures. First, we summarize the changes that occur when we superimpose the expected levels of pollution control costs on the "full employment" baseline. This scenario is the "Path A" baseline given in the Five-Year Budget Projections, Fiscal Years 1977-81 prepared by the Congressional Budget Office. The results are presented in Table 4. As would be expected under this scenario, the price increases are slightly larger although the differences are modest. For example, by 1983 we find that the wholesale price index has increased by an additional 7% (6.2% over the without projection), the implicit GNP deflator by another 11% (4.0% over the without projection), and the CPI by an extra 13% (5.3% over the without projection) over the Chase cyclical economic scenario used in the earlier analyses. The decline in real GNP in 1983 is only 5% larger (2.3% less than the without projection). The increase in producers durable equipment and nonresidential construction and the decline in housing starts all follow the same pattern which occurred in the standard simulation.

The second sensitivity analysis, summarized in Table 5, involved increasing all costs by 25% in order to test the impacts which could be expected in case the EPA/CEQ estimates were seriously understated.[5] This

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[5] In this analysis the historic as well as the projected cost estimates were increased by 25% although the historic numbers are based primarily on actual surveys of expenditures undertaken by the Bureau of Economic Analysis.

analysis showed the WPI, the implicit GNP deflator, and the CPI all rising by approximately 25% more. The decline in real GNP by 1983 is -2.7%, compared to -2.3% in the standard simulation. In general the changes tend to be proportional; at the level of pollution control expenditures contained in this study, an additional 25% is not sufficient to produce additional nonlinearities.

Table 3

Estimated Impacts on Individual Industries

Industry	By 1978			By 1983		
	Prices	Output	Employment	Prices	Output	Employment
Agriculture	0.3	-0.8	+0.6	0.6	-1.3	+1.3
Mining	0.4	-1.2	-0.1	0.7	-2.5	-0.4
Construction	0.1	-2.1	-0.4	0.2	-3.5	-0.2
Food	0.7	-0.5	+0.7	1.2	-1.5	+1.2
Tobacco	0.2	-1.0	+0.6	0.4	-2.7	+0.9
Textiles	0.5	-1.4	-0.1	0.9	-2.5	-0.2
Apparel	0.3	-1.2	-0.2	0.5	-2.2	-0.6
Lumber	0.6	-4.4	-1.3	1.5	-4.4	-0.6
Furniture	0.3	-1.5	-0.7	0.5	-3.1	-1.3
Paper	3.0	-1.3	-0.2	6.2	-2.9	-1.0
Printing	0.2	-1.2	-0.1	0.3	-3.1	-1.3
Chemicals	1.7	-1.2	-0.3	4.8	-2.8	-1.1
Petroleum	1.6	-1.0	+0.4	2.3	-2.0	+0.7
Rubber	0.6	-1.6	-0.5	1.0	-4.2	-1.4
Leather	0.4	-0.8	0.0	0.9	-1.4	-0.3
Stone, Clay & Glass	2.0	-2.0	-0.7	3.2	-3.4	-1.0
Iron & Steel	2.3	-1.4	-0.2	4.1	-2.9	-0.3
Nonferrous Metals	5.4	-0.7	+0.4	8.1	-2.4	+0.3
Fabricated Metals	0.4	-1.2	0.0	0.8	-3.1	-0.6
Nonelectrical Machinery	1.0	+0.2	+1.1	2.8	-1.6	+0.3
Electrical Machinery	0.5	-1.4	-0.3	1.2	-3.5	-1.0
Autos	2.5	-2.1	-0.5	5.5	-5.6	-2.4
Other Trans. Eqpt.	0.3	-1.0	+0.2	0.6	-0.9	+0.8
Instruments	0.2	-0.7	+0.4	0.4	-2.7	-0.4
Misc. Manufacturing	0.2	-0.9	+0.3	0.4	-1.7	-0.7
Transportation Services	0.3	-1.1	+0.4	0.5	-2.7	+0.5
Communications	0.2	-1.2	-0.1	0.4	-4.0	-1.5
Utilities	15.2	-0.7	+0.5	27.8	-1.8	+0.6
Trade	0.3	-1.0	+0.2	0.6	-2.7	-0.8
Finance, Insurance & Real Estate	0.5	-0.8	+0.1	0.8	-2.4	-1.0
Other Services	0.4	-1.1	+0.8	0.7	-2.6	+1.6

Table 4

Sensitivity Analysis
for Full Employment Economic Scenario

	1976	1977	1978	1979	1980	1981	1982	1983
Gross National Product, Current Dollars								
Without pollution control costs	1717.8	1958.3	2238.6	2522.7	2809.4	3110.1	3430.3	3781.5
With pollution control costs	1738.4	1979.9	2263.1	2554.7	2848.4	3154.0	3482.6	3840.0
% Difference	1.20	1.10	1.09	1.27	1.39	1.41	1.52	1.55
Gross National Product, 1974 Dollars								
Without pollution control costs	1492.3	1595.1	1708.6	1805.6	1892.5	1970.4	2045.0	2121.1
With pollution control costs	1493.9	1586.7	1692.7	1784.6	1865.8	1936.1	2005.1	2072.9
% Difference	.11	-.53	-.93	-1.16	-1.41	-1.74	-1.95	-2.27
Implicit GNP Deflator, 1974 = 100								
Without pollution control costs	115.0	122.7	131.0	139.7	148.4	157.8	167.7	178.2
With pollution control costs	116.3	124.7	133.7	143.2	152.7	162.9	173.8	185.4
% Difference	1.13	1.63	2.06	2.51	2.90	3.23	3.64	4.04
Consumer Price Index, 1974 = 100								
Without pollution control costs	116.8	125.0	133.1	141.6	150.9	160.9	171.8	183.5
With pollution control costs	118.6	127.9	136.8	146.4	156.7	168.0	180.0	193.3
% Difference	1.54	2.32	2.78	3.39	3.84	4.41	4.77	5.34
Wholesale Price Index, 1974 = 100								
Without pollution control costs	119.6	131.0	143.0	150.8	159.4	169.1	179.3	190.2
With pollution control costs	122.4	134.9	148.1	157.1	166.8	178.0	189.6	202.0
% Difference	2.34	2.98	3.57	4.18	4.64	5.26	5.74	6.20
Unemployment Rate, Percent								
Without pollution control costs	7.3	6.3	5.5	4.7	4.4	4.2	4.5	4.4
With pollution control costs	6.9	5.8	5.3	4.6	4.3	4.2	4.4	4.6
% Difference	-5.48	-7.94	-3.64	-2.13	-2.27	.00	-2.22	-4.55
Fixed Investment in Producers Durable Equipment, 1974 Dollars								
Without pollution contorl costs	96.5	113.8	130.5	144.8	154.3	162.4	174.4	185.1
With pollution control costs	102.0	119.5	134.1	148.5	157.5	164.6	175.3	185.5
% Difference	5.70	5.01	2.76	2.56	2.07	1.35	.52	.22
Fixed Investment in Nonresidential Structures, 1974 Dollars								
Without pollution control costs	50.6	55.0	63.0	73.2	77.4	82.2	86.6	89.9
With pollution control costs	53.0	57.9	66.3	74.6	78.6	82.9	86.7	90.0
% Difference	4.74	5.27	5.24	1.91	1.55	.85	.12	.11
Housing Starts, Millions of Units								
Without pollution control costs	1.58	2.06	2.12	2.19	2.25	2.10	1.90	1.86
With pollution control costs	1.48	1.78	1.87	1.98	2.01	1.84	1.62	1.55
% Difference	-6.33	-13.59	-11.79	-9.59	-10.67	-12.38	-14.74	-16.65
Percentage Growth Rate of GNP, 1974 Dollars								
Without pollution control costs	7.4	6.9	7.1	5.7	4.8	4.1	3.8	3.7
With pollution control costs	7.6	6.0	6.5	5.2	4.3	3.6	3.4	3.2
% Difference	.2	-.9	-.6	-.5	-.5	-.5	-.4	-.5
Percentage Growth Rate of CPI								
Without pollution control costs	7.2	7.0	6.5	6.4	6.5	6.7	6.7	6.9
With pollution control costs	8.0	8.2	7.4	7.3	7.4	7.5	7.5	7.7
% Difference	.8	1.2	.9	.9	.9	.8	.8	.8

Table 4 (continued)

	1976	1977	1978	1979	1980	1981	1982	1983
Trade Balance, 1974 Dollars								
Without pollution control costs	8.4	4.2	5.5	5.7	8.1	10.7	13.5	16.0
With pollution control costs	9.6	3.9	6.3	6.2	8.6	12.1	14.8	17.8
% Difference	14.29	-7.14	14.55	8.77	6.17	13.08	9.63	11.25
Consumption of Autos and Parts, 1974 Dollars								
Without pollution control costs	130.0	144.8	162.9	173.2	185.6	196.4	205.3	215.4
With pollution control costs	129.4	142.7	159.0	168.6	180.1	189.9	197.8	206.1
% Difference	-.46	-1.45	-2.39	-2.66	-2.96	-3.31	-3.65	-4.32
Consumption of Other Durables, 1974 Dollars								
Without pollution control costs	77.5	84.5	92.7	100.6	110.1	118.5	125.5	132.5
With pollution control costs	76.9	83.3	90.6	97.8	106.8	114.5	120.8	127.1
% Difference	-.77	-1.42	-2.27	-2.78	-3.00	-3.38	-3.75	-4.08
Consumption of Nondurables, 1974 Dollars								
Without pollution control costs	401.0	420.7	442.0	462.5	486.4	502.8	515.6	528.5
With pollution control costs	400.6	419.4	439.2	458.6	481.3	495.8	506.9	518.2
% Difference	-.10	-.31	-.63	-.84	-1.05	-1.39	-1.69	-1.95
Consumption of Services, 1974 Dollars								
Without pollution control costs	413.2	439.3	465.0	494.3	523.4	552.6	578.6	601.6
With pollution control costs	413.0	438.1	462.1	490.0	517.6	545.3	569.7	590.1
% Difference	-.05	-.27	-.62	-.87	-1.11	-1.32	-1.54	-1.91
Disposable Personal Income, Current Dollars								
Without pollution control costs	1196.0	1346.2	1500.9	1667.8	1866.8	2058.1	2257.0	2484.9
With pollution control costs	1209.9	1365.8	1523.4	1695.5	1900.1	2096.1	2300.9	2537.2
% Difference	1.16	1.46	1.50	1.66	1.78	1.85	1.95	2.10
Corporate Profits Before Taxes, Current Dollars								
Without pollution control costs	161.8	200.6	229.1	263.0	288.0	309.5	332.9	359.1
With pollution control costs	159.5	197.4	226.4	259.3	284.1	306.9	330.7	356.4
% Difference	-1.42	-1.60	-1.18	-1.41	-1.35	-.84	-.66	-.75
Corporate Profits After Taxes, Current Dollars								
Without pollution control costs	98.2	123.2	142.5	165.7	183.6	199.9	215.8	232.6
With pollution control costs	97.4	121.9	142.0	164.3	182.4	199.7	215.8	232.6
% Difference	-.81	-1.06	-.35	-.84	-.65	-.10	.00	.00
Aa Corporate Bond Rate for New Issues								
Without pollution control costs	9.08	9.69	9.58	9.72	9.92	9.69	9.89	10.30
With pollution control costs	9.85	10.81	10.77	10.95	11.20	10.94	11.13	11.68
% Difference	8.48	11.56	12.42	12.65	12.90	12.90	12.54	13.40
Index of Industrial Production, 1974 = 100								
Without pollution control costs	102.5	114.8	126.3	136.6	144.8	151.7	159.1	166.2
With pollution control costs	104.2	116.0	126.6	136.7	144.4	150.4	157.4	163.8
% Difference	1.66	1.05	.24	.07	-.28	-.86	-1.07	-1.44

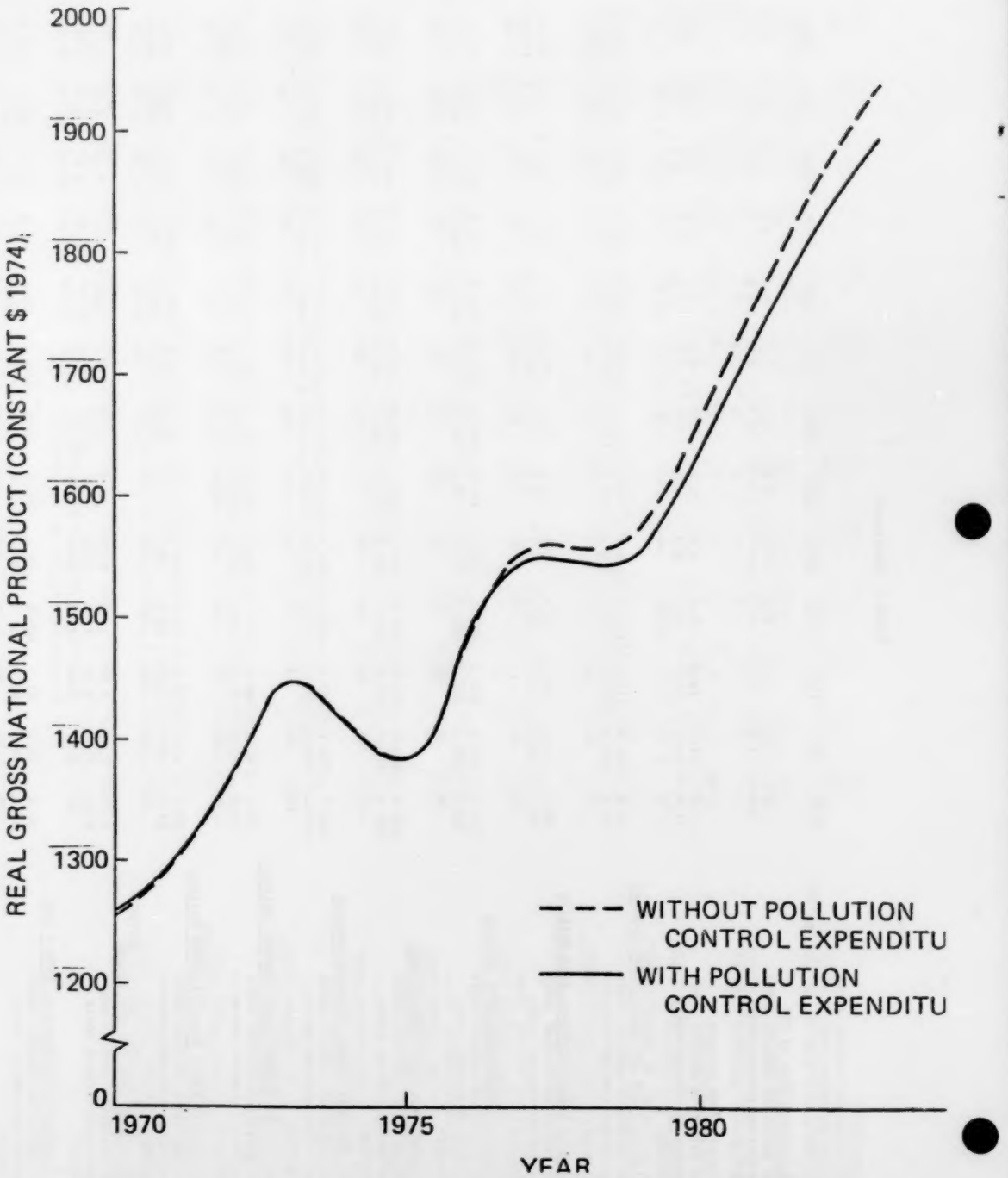
Table 5

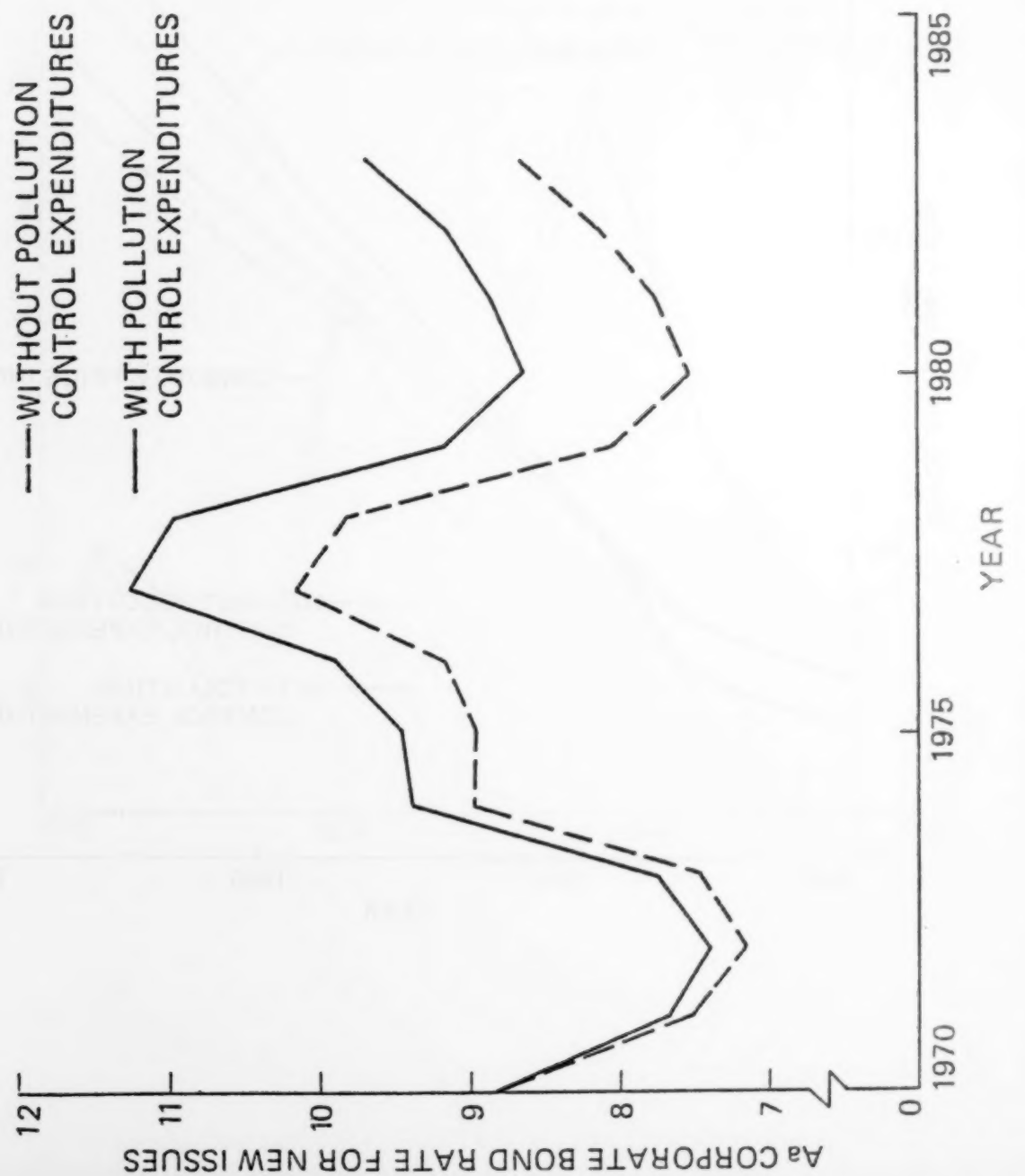
Sensitivity Analysis for 25% Increase
in Pollution Control Cost Estimates

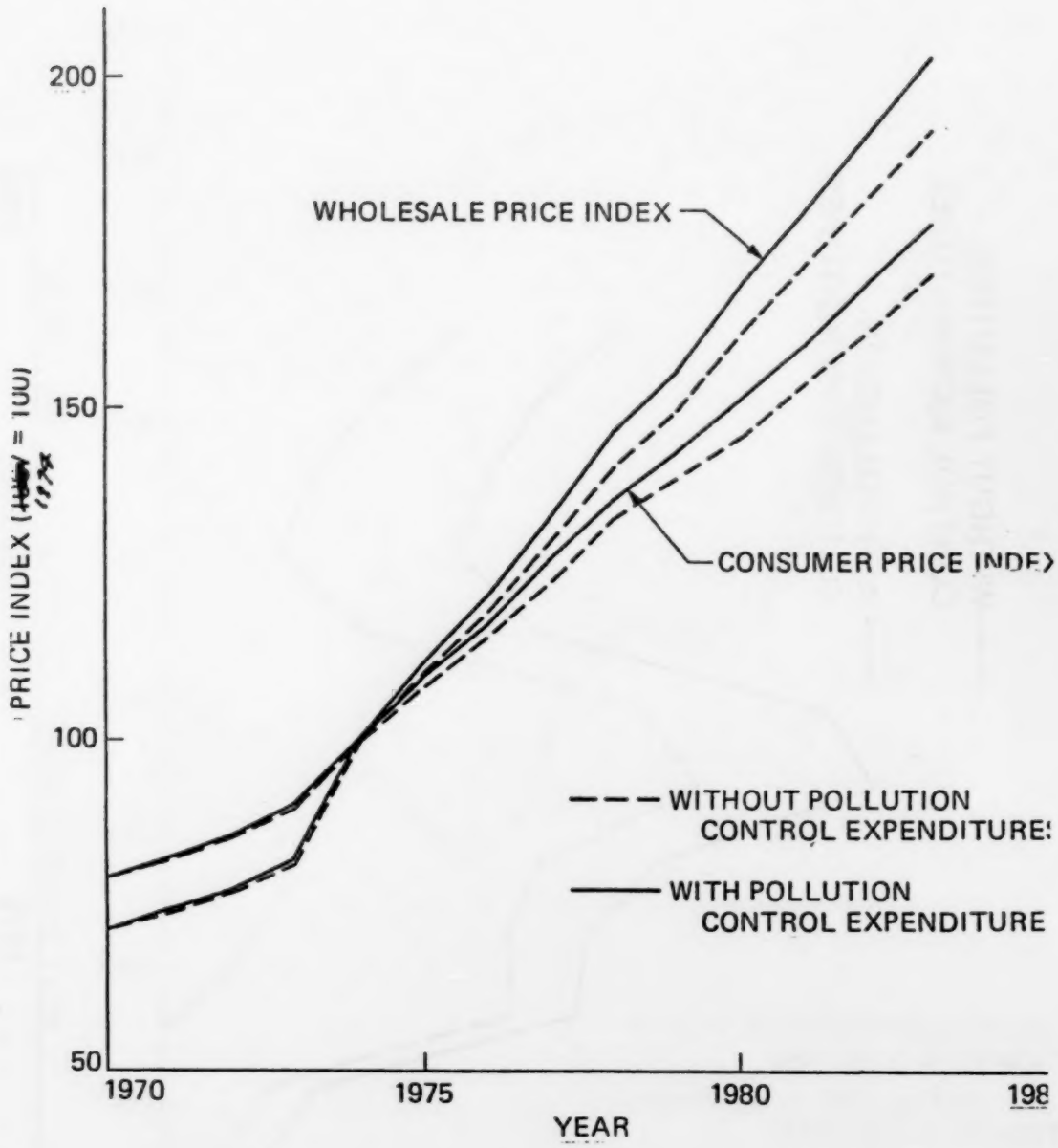
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Gross National Product, Current Dollars														
Without pollution control costs	978.9	1059.4	1167.1	1303.0	1403.0	1492.4	1683.5	1875.7	2002.2	2118.4	2346.6	2629.2	2904.3	3186.1
With pollution control costs	981.4	1063.2	1173.8	1312.1	1413.9	1505.8	1708.9	1902.6	2026.6	2149.4	2381.5	2669.2	2948.8	3237.6
% Difference	.26	.36	.57	.70	.78	.90	1.51	1.43	1.22	1.46	1.49	1.52	1.53	1.62
Gross National Product, 1974 Dollars														
Without pollution control costs	1253.7	1291.5	1367.1	1442.0	1416.6	1387.8	1479.3	1550.5	1559.1	1573.9	1660.4	1766.8	1855.6	1934.3
With pollution control costs	1256.0	1293.4	1369.9	1443.1	1414.8	1384.4	1481.3	1541.4	1539.2	1551.8	1631.7	1729.9	1810.4	1882.4
% Difference	.18	.15	.20	.08	-.13	-.24	.14	-.59	-1.28	-1.40	-1.73	-2.09	-2.44	-2.68
Implicit GNP Deflator, 1974 = 100														
Without pollution control costs	78.0	82.0	85.4	90.4	99.1	107.5	113.7	120.9	128.4	134.6	141.3	148.8	156.5	164.7
With pollution control costs	78.1	82.2	85.7	90.9	100.0	108.7	115.4	123.5	131.7	138.5	146.0	154.4	163.0	172.2
% Difference	.13	.24	.35	.55	.91	1.12	1.50	2.15	2.57	2.90	3.33	3.76	4.15	4.55
Consumer Price Index, 1974 = 100														
Without pollution control costs	78.6	81.8	84.3	89.4	99.0	107.7	115.6	123.9	132.4	138.6	145.7	153.2	161.1	169.9
With pollution control costs	78.6	82.0	84.7	90.0	100.0	109.3	117.7	127.3	136.9	144.0	152.3	160.9	170.1	180.0
% Difference	.00	.24	.47	.67	1.01	1.49	1.82	2.74	3.40	3.90	4.53	5.03	5.59	5.94
Wholesale Price Index, 1974 = 100														
Without pollution control costs	71.3	73.8	76.1	81.1	98.7	109.6	118.8	129.4	141.3	149.6	160.9	170.9	180.9	191.5
With pollution control costs	71.4	74.1	76.6	81.8	100.0	111.5	122.1	134.1	147.2	156.9	169.7	181.4	192.9	205.3
% Difference	.14	.41	.66	.86	1.32	1.73	2.78	3.63	4.18	4.88	5.47	6.14	6.63	7.21
Unemployment Rate, Percent														
Without pollution control costs	5.2	6.3	5.8	5.0	5.7	8.6	7.2	6.8	8.3	9.9	8.7	7.0	6.1	5.5
With pollution control costs	5.1	6.1	5.6	4.7	5.5	8.4	6.6	6.1	8.0	9.6	8.5	6.9	6.1	5.6
% Difference	-1.92	-3.17	-3.45	-6.00	-3.51	-2.33	-8.33	-10.29	-3.61	-3.03	-2.30	-1.43	.00	1.82
Fixed Investment in Producers Durable Equipment, 1974 Dollars														
Without pollution control costs	73.1	71.5	79.0	91.6	90.6	78.8	91.1	104.8	102.3	96.3	103.3	117.4	130.6	141.8
With pollution control costs	74.3	72.9	81.7	94.6	93.2	82.0	97.9	111.1	106.9	101.1	107.5	120.2	131.8	142.5
% Difference	1.64	1.96	3.42	3.28	2.87	4.06	7.46	6.01	4.50	4.98	4.07	2.39	.92	.49
Fixed Investment in Nonresidential Structures, 1974 Dollars														
Without pollution control costs	53.3	51.3	51.9	55.6	52.5	45.5	49.9	54.2	57.2	55.8	55.3	64.6	73.6	79.1
With pollution control costs	54.4	52.7	53.7	57.5	53.9	46.8	52.9	57.9	61.7	58.0	57.3	66.3	75.1	80.9
% Difference	2.06	2.73	3.47	3.42	2.67	2.86	6.01	6.83	7.87	3.94	3.62	2.63	2.04	2.28
Housing Starts, Millions of Units														
Without pollution control costs	1.44	2.08	2.39	2.07	1.35	1.18	1.51	1.41	1.04	1.43	2.09	1.91	1.75	1.78
With pollution control costs	1.43	2.04	2.36	2.02	1.28	1.09	1.39	1.08	.78	1.21	1.83	1.63	1.47	1.48
% Difference	-.69	-1.92	-1.26	-2.42	-5.19	-7.63	-7.95	-23.40	-25.00	-15.38	-12.44	-14.66	-16.00	-16.85
Percentage Growth Rate of GNP, 1974 Dollars														
Without pollution control costs	-.8	3.0	5.9	5.5	-1.8	-2.0	6.5	4.8	.6	1.0	5.5	6.4	5.0	4.2
With pollution control costs	-.6	3.0	5.9	5.3	-2.0	-2.2	6.7	3.8	-.3	.6	4.9	5.8	4.4	3.8
% Difference	.2	.0	.0	-.2	-.2	-.2	-.2	-1.0	-.9	-.4	-.6	-.6	-.6	-.4

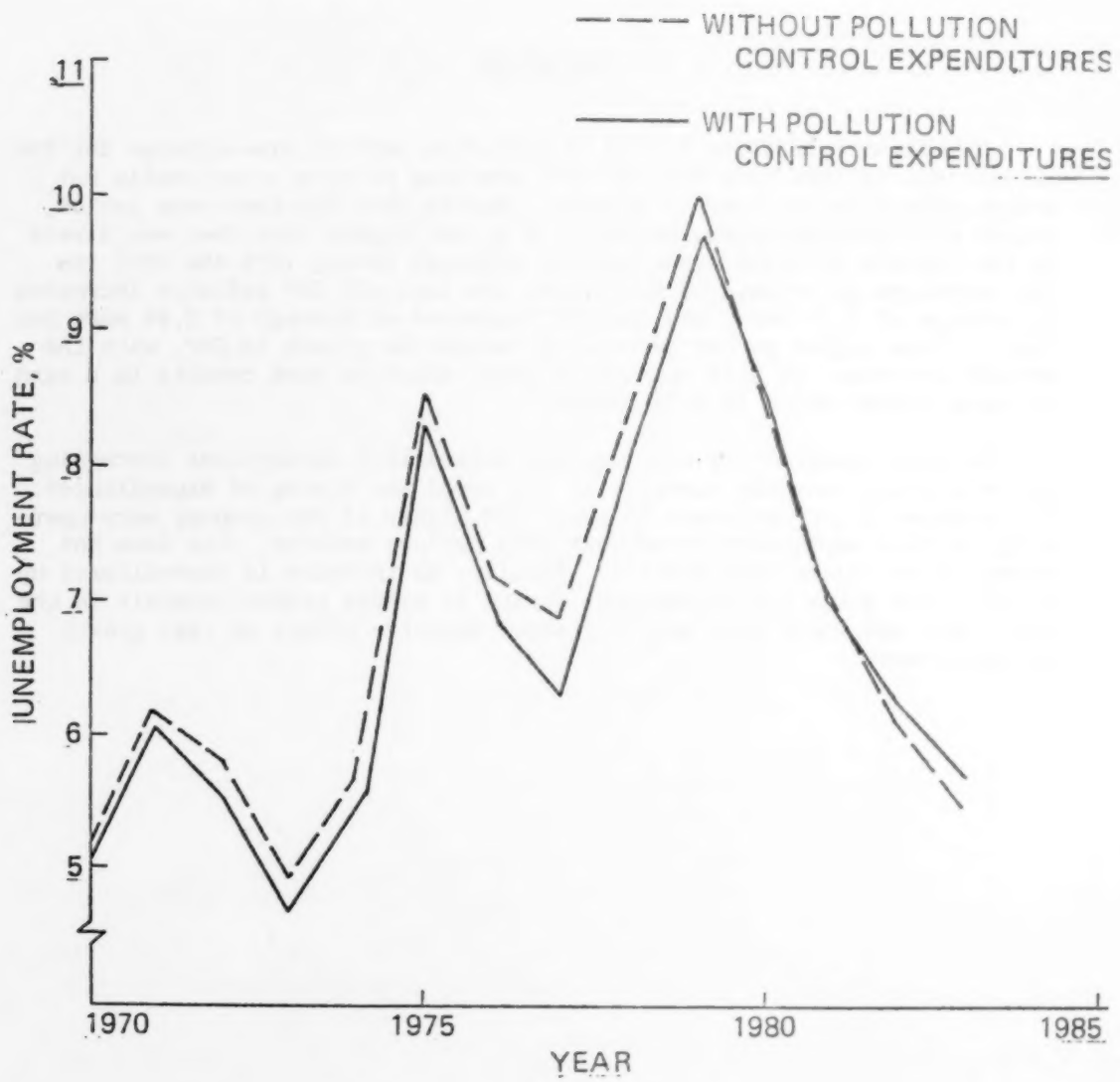
Table 5 (continued)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Percentage Growth Rate of CPI														
Without pollution control costs	5.9	4.1	3.1	6.0	10.7	8.8	6.1	7.2	6.8	4.7	5.1	5.1	5.2	5.4
With pollution control costs	6.0	4.3	3.3	6.3	11.1	9.2	7.0	8.6	8.0	5.7	6.2	6.2	6.1	6.3
% Difference	.1	.2	.2	.3	.4	.4	.9	1.4	1.2	1.0	1.1	1.1	.9	.9
Trade Balance, 1974 Dollars														
Without pollution control costs	-11.1	-14.1	-19.6	-4.9	8.5	21.7	7.9	4.4	8.5	11.6	8.3	7.3	12.8	18.1
With pollution control costs	-11.4	-14.4	-20.0	-5.4	8.5	21.5	7.2	3.9	9.4	11.8	8.8	8.6	14.3	20.0
% Difference	-2.70	-2.13	-2.04	-10.20	.00	-.92	-8.86	-11.36	10.59	1.72	6.02	17.81	11.72	10.50
Consumption of Autos and Parts, 1974 Dollars														
Without pollution control costs	91.8	101.8	116.6	127.3	118.8	114.4	131.1	142.4	142.1	140.2	152.9	167.8	177.3	185.8
With pollution control costs	91.9	101.9	116.6	126.9	118.1	113.4	130.0	139.8	137.4	135.0	146.7	160.1	168.2	175.4
% Difference	.11	.10	.00	-.31	-.59	-.87	-.84	-1.83	-3.31	-3.71	-4.05	-4.59	-5.13	-5.60
Consumption of Other Durables, 1974 Dollars														
Without pollution control costs	59.7	61.9	69.3	75.9	75.6	73.8	78.7	85.3	87.0	86.7	92.1	99.7	105.7	111.3
With pollution control costs	59.7	61.9	69.2	75.6	74.1	73.3	78.0	83.7	84.6	83.7	88.6	95.3	100.6	105.4
% Difference	.00	.00	-.14	-.40	-1.98	-.68	-.89	-1.88	-2.76	-3.46	-3.80	-4.41	-4.82	-5.30
Consumption of Nondurables, 1974 Dollars														
Without pollution control costs	353.5	357.9	372.2	384.5	376.1	379.9	404.0	421.2	430.7	432.8	443.4	460.8	477.7	492.1
With pollution control costs	353.8	358.3	372.5	384.7	375.9	379.4	403.6	419.9	427.3	428.3	437.4	453.1	467.7	480.2
% Difference	.08	.11	.08	.05	-.05	-.13	-.10	-.31	-.79	-1.04	-1.35	-1.67	-2.09	-2.42
Consumption of Services, 1974 Dollars														
Without pollution control costs	335.3	346.4	367.0	384.0	394.3	402.1	407.0	421.7	434.5	447.4	468.2	489.8	510.4	529.2
With pollution control costs	335.4	346.6	367.1	384.1	394.2	401.6	406.7	420.3	430.9	441.8	461.1	481.2	500.0	516.6
% Difference	.03	.06	.03	.03	-.03	-.12	-.07	-.33	-.83	-1.25	-1.52	-1.76	-2.04	-2.38
Disposable Personal Income, Current Dollars														
Without pollution control costs	683.5	738.1	795.2	895.7	974.7	1064.4	1187.5	1329.5	1432.4	1511.6	1665.2	1835.0	2004.3	2181.7
With pollution control costs	684.6	740.6	799.4	902.0	983.2	1075.9	1204.7	1353.8	1458.0	1541.2	1698.8	1872.5	2045.4	2227.1
% Difference	.16	.34	.53	.70	.87	1.08	1.45	1.83	1.79	1.96	2.02	2.04	2.05	2.08
Corporate Profits Before Taxes, Current Dollars														
Without pollution control costs	72.2	83.2	98.0	119.1	133.7	118.5	151.1	175.4	161.9	170.8	198.7	217.0	240.8	266.4
With pollution control costs	72.0	82.7	97.3	118.1	132.5	117.1	147.8	171.6	157.9	166.7	194.1	212.0	235.3	260.6
% Difference	-.28	-.60	-.71	-.84	-.90	-1.18	-2.18	-2.17	-2.47	-2.40	-2.32	-2.30	-2.28	-2.18
Corporate Profits After Taxes, Current Dollars														
Without pollution control costs	37.3	44.9	55.5	69.8	80.2	71.8	91.9	108.4	102.9	109.2	127.2	141.4	157.2	173.4
With pollution control costs	37.2	44.7	55.2	69.4	79.7	71.3	90.5	107.1	101.2	107.7	125.6	139.7	155.2	171.5
% Difference	-.27	-.45	-.54	-.57	-.62	-.70	-1.52	-1.20	-1.65	-1.37	-1.26	-1.20	-1.27	-1.10
Aa Corporate Bond Rate for New Issues														
Without pollution control costs	8.74	7.47	7.14	7.40	8.91	8.83	9.13	10.15	9.82	8.06	7.51	7.78	8.11	8.66
With pollution control costs	8.81	7.68	7.40	7.73	9.39	9.44	10.09	11.52	11.25	9.48	8.93	9.14	9.41	9.96
% Difference	.80	2.81	3.64	4.46	5.39	6.91	10.51	13.50	14.56	17.62	18.91	17.48	16.03	15.01
Index of Industrial Production, 1974 = 100														
Without pollution control costs	84.8	84.3	91.1	100.0	99.4	89.0	100.9	110.5	109.4	106.9	114.2	126.3	135.9	143.6
With pollution control costs	85.2	84.8	92.0	101.1	100.0	89.8	103.1	112.1	109.6	107.2	114.1	125.3	133.9	141.0
% Difference	.47	.59	.99	1.10	.60	.90	2.18	1.45	.18	.28	-.09	-.79	-1.47	-1.81


2000
1900
1800
1700
1600
1500
1400
1300
1200
0
REAL GROSS NATIONAL PRODUCT (CONSTANT $ 1974)
1970
1975
1980
YEAR
WITHOUT POLLUTION CONTROL EXPENDITU
WITH POLLUTION CONTROL EXPENDITU


WITHOUT POLLUTION CONTROL EXPENDITURES
WITH POLLUTION CONTROL EXPENDITURES
Aa CORPORATE BOND RATE FOR NEW ISSUES
12
11
10
9
8
7
0
1970
1975
1980
1985
YEAR


200
150
100
50
PRICE INDEX (1967 = 100)
WHOLESALE PRICE INDEX
CONSUMER PRICE INDEX
WITHOUT POLLUTION CONTROL EXPENDITURES
WITH POLLUTION CONTROL EXPENDITURE
1970
1975
1980
198
YEAR


WITHOUT POLLUTION CONTROL EXPENDITURES
WITH POLLUTION CONTROL EXPENDITURES
UNEMPLOYMENT RATE, %
11
10
9
8
7
6
5
1970
1975
1980
1985
YEAR

CONCLUSION

The figures supplied by CEQ on pollution control expenditures for the period 1970 to 1983 have had and will continue to have a noticeable but modest effect on the overall economy. During this fourteen-year period, prices will average approximately 0.4% a year higher than they would have in the absence of these expenditures, although during 1976 and 1977 the CPI increases an average of 0.6% more, the implicit GNP deflator increases an average of 0.5% more, and the WPI increases an average of 0.8% more per year. These higher prices eventually retard the growth in GNP, with the maximum decrement of 2.2% reached in 1983, which in turn results in a rate of unemployment which is 0.2% higher.

We also experimented with various alternative assumptions concerning the underlying economic scenario at the level and timing of expenditures. The increase in prices would be about 10% higher if the economy were operating at full employment throughout this period; however, this does not appear to be a near-term problem. Finally, an increase in expenditures up to 25% would raise the incremental change in prices proportionately in the peak years and would also have a greater negative effect on real growth and employment.

The first NATIONAL CONFERENCE ON PUBLIC POLICY ISSUES IN NUCLEAR WASTE MANAGEMENT was held in Chicago on October 27-29. Sponsored by five federal agencies: the Energy Research and Administration, the Nuclear Regulatory Commission, the National Science Foundation, the Council on Environmental Quality, and the Environmental Protection Agency. The open sessions were attended by some 400 people from industry, environmental and other public interest groups, and various levels of government.

The conference was called in order to discuss the legal, institutional, social, environmental, and other public policy issues relating to nuclear waste management. Information gained will be used in developing a generic environmental impact statement to be completed by ERDA in 1977. Beyond this very direct application, federal agency attendees reported that it was valuable in providing insights into what concerns the general public and what is useful in answering those concerns and what is not. It was valuable too in contributing to better public understanding and providing inputs to major decisions for national programs.

CEQ STUDIES

Environmental Quality - The First Annual Report of the Council on Environmental Quality. 1970. [PREX14.1:970, $3.00]

Ocean Dumping - A National Policy. 1970. [PREX14.2:0c2, $1.15]

The President's 1971 Environmental Program. 1971. [PREX14.2:En8, $3.70]

Toxic Substances. 1971. [PREX14.2:T66, $0.65]

Environmental Quality - The Second Annual Report of the Council on Environmental Quality. 1971. [PREX14.1:971, $4.05]

The President's 1972 Environmental Program. 1972. [PREX14.2:EN8/972, $3.00]

Environmental Quality - The Third Annual Report of the Council on Environmental Quality. 1972. [PREX14.1:972, $3.80]

Integrated Pest Management. 1973. [PREX14.2:P43, $1.10] (PB-214 173, microfiche, $3.00)

The President's 1973 Environmental Program. 1973. [PREX14.2:En8/973, $5.30]

Coal Surface Mining and Reclamation: An Environmental and Economic Assessment of Alternatives. 1973. Committee Print. Serial No. 93-8 (92-43)

The Federal Environmental Monitoring Directory. 1973. [PREX14.2:En8/3, $1.20]

Energy and the Environment - Electric Power. 1973. [PREX14.2:En8/4, $1.00]

Environmental Quality - The Fourth Annual Report of the Council on Environmental Quality. 1973. [PREX14.1:973, $3.50]

Environmental Quality - The Fifth Annual Report of the Council on Environmental Quality. 1974. [PREX14.1:974, $5.20]

Land Use, Reprinted from the Fifth Annual Report of the Council on Environmental Quality. 1974. [PREX14.1/A:L22, $1.20]

Note: The information given in square brackets indicates that the item is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402; that given in parentheses indicates availability from the National Technical Information Service, U.S. Department of Commerce, Springfield, Va. 22151. Because it is not feasible for the Superintendent of Documents to correct prices manually in all publications stocked, the prices charged may differ from the prices printed in the publications.

The Economic Impact of Environmental Programs. 1974. (PB-239 773, $3.25; microfiche, $3.00)

The Delaware River Basin - An Environmental Assessment of Three Centuries of Change. 1975. [4111-00018, $1.55]

MERES and the Evaluation of Energy Alternatives. 1975. [041-011-00026-2, $0.65]

Environmental Quality - The Sixth Annual Report of the Council on Environmental Quality. 1975. [040-000-00337-1, $6.60]

Carcinogens in the Environment, Reprinted from the Sixth Annual Report of the Council on Environmental Quality. 1975. [041-011-00030-1, $0.75]

Report on 1975 Public Hearings, Environmental Effects and Energy Conservation Aspects of the Nonnuclear Energy Research, Development, and Demonstration Programs. 1975. (PB-249 696, $5.00; microfiche, $3.00)

Environmental Impact Statements: An Analysis of Six Years' Experience by Seventy Federal Agencies. 1976. (PB-253 990, $5.50; microfiche, $3.00)

Environment and Conservation in Energy Research and Development: Assessing the Adequacy of Federal Programs. 1976. [040-000-00373-8, $2.00]

CONTRACT STUDIES

Monitoring the Environment of the Nation. The Mitre Corporation. 1971. (PB-205 989, $7.25; microfiche, $3.00)

Monitoring the Environment of the Nation - Appendices. The Mitre Corporation. 1971. (PB-205 990, $17.25; microfiche, $3.00)

The Quiet Revolution in Land Use Control. Fred Bosselman and David Callies. 1971. [PREX 14.2:L22, $3.65]

The Quiet Revolution in Land Use Control - Summary Report. Fred Bosselman and David Callies. 1971 [PREX 14.2:L22/Summ., $1.00]

Predator Control - 1971. Advisory Committee on Predator Control, Institute for Environmental Quality, The University of Michigan. Prepared for the Council on Environmental Quality and the Department of the Interior. 1971. (PB-210 120, $7.25; microfiche, $3.00). Also available from Charles D. Saults, Chief, Conservation Education, Bureau of Sport Fisheries and Wildlife, Department of the Interior, Washington, D.C. 20240.

The Economic Impact of Pollution Control - A Summary of Recent Studies. Prepared for the Council on Environmental Quality, Department of Commerce, and Environmental Protection Agency. 1972. [PREX14.2:P76, $3.85]

The Economic Impacts of Meeting [Automobile] Exhaust Emission Standards, 1971-1980. Chase Econometric Associates, Inc.
Part I. Executive Summary. (PB-207 200, $3.25; $3.00)
Part II. Baseline Forecasts of Economic Performance. (PB-207 201, $3.75; $3.00)
Part III. The Economic Impact of Pollution Abatement. (PB-207 202, $3.75; $3.00)
Part IV. Appendix. Presentation of Baseline and Alternative Impact Forecasts of Macroeconomic and Industry Performance. (PB-207 203, $5.75; $3.00)

Analysis of Economic Impacts of Environmental Standards on the Bakery Industry. Ernst & Ernst.
Part I. Executive Summary. (PB-207 169, $3.25; $3.00)
Part II. [A descriptive analysis of the bakery products industry detailing industry trends and characteristics relevant to economic impact analysis of environmental standards]. (PB-207 170, $3.25; $3.00)
Part III. [A study of the impact of pollution standards and charges on the bakery industry]. (PB-207 171, $3.75; $3.00)

The Cement Industry: Economic Impact of Pollution Control Costs. The Boston Consulting Group, Inc.
Volume I. Executive Summary. (PB-207 150, $3.25; $3.00)
Volume II. [Industry description, pollution problems, market structure, financial resources, demand, foreign trade, and employment impact]. (PB-207 151, $7.00; $3.00)

Possible Impact of Costs of Selected Pollution Control Equipment on the Electric Utility Industry and Certain Power Intensive Consumer Industries. National Economic Research Associates, Inc.
Volume I. Executive Summary. (PB-207 168, $3.25; $3.00)
Volume II. [Introduction, structure of the electric utility industry, and the economic impact of pollution abatement upon the industry and upon selected power intensive consumer industries]. (PB-207 167, $5.25; $3.00)

Economic Impact of Environmental Controls on the Fruits and Vegetable Canning and Freezing Industries. Agri Division, Dunlap and Associates, Inc.
Part I. Executive Summary. (PB-207 140, $3.25; $3.00)
Part II. Industry Structure. (PB-207 141, $5.75; $3.00)
Part III. Impact Analysis. (PB-207 142, $6.25; $3.00)
Part IV. Statistical Supplement. (PB-207 143, $5.75; $3.00)

Study of the Economic Impacts of Pollution Control on the Iron Foundry Industry. A.T. Kearney & Company, Inc.
Part I. Executive Summary. (PB-207 147, $3.25; $3.00)
Part II. The Structure of the Industry. (PB-207 148, $5.25; $3.00)
Part III. The Economic Impact of Pollution Abatement upon the Industry. (PB-207 149, $4.25; $3.00)

The Leather Industry: A Study of the Impact of Pollution Control Costs. Urban Systems Research & Engineering, Inc.
Volume I. Executive Summary. (PB-207 152, $3.75; $3.00)
Volume II. Description of the Industry. (PB-207 153, $6.25; $3.00)
Volume III. Impact of Pollution Control Costs on the Tanning Industry. (PB-207 154, $3.75; $3.00)

The Effects of Pollution Control on the Nonferrous Metals Industries. Charles River Associates Incorporated.

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Part I. Executive Summary. (PB-207 144, $3.25; $3.00)
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Part III. Economic Analysis. (PB-207 146, $4.25; $3.00)

The Impact of Costs Associated with New Environmental Standards upon the Petroleum Refining Industry. Stephen Sobotka & Company.
Part I. Executive Summary. (PB-207 197, $3.25; $3.00)
Part II. Structure of the Industry. (PB-207 198, $4.25; $3.00)
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A Study of the Economic Impact on the Steel Industry of the Costs of Meeting Federal Air and Water Pollution Abatement Requirements. Booz-Allen Public Administration Services, Inc.
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Volume II. The Structure of the Steel Industry. (PB-211 918, $5.25; $3.00)
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Volumes I, II, III. (PB-211 920, $12.00)

The Chase Econometrics Macroeconomic and Inter-Industry Forecasting Models. Chase Econometric Associates, Inc. (PB-207 204, $5.25; $3.00)

Land Use Indicators of Environmental Quality - An Examination of Existing Federal Data and Future Needs. Earth Satellite Corporation. 1972. (PB-211 399, $6.25; microfiche, $3.00)

Environmental Indicators for Pesticides. Stanford Research Institute. 1972. (PB-210 666, $5.75; microfiche, $3.00)

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Development of a Continuing Program to Provide Indicators and Indices of Wildlife and the Natural Environment. Smithsonian Institution, Ecology Program. 1972. (PB-210 734, $6.25; microfiche, $3.00)

National Assessment of Trends in Water Quality. Enviro Control, Inc. 1972. (PB-210 669, $4.25; microfiche, $3.00)

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Resource Recovery: The State of Technology. Midwest Research Institute. 1973. [PREX14.2:R31, $1.35] (PB-214 149, $4.25; microfiche, $3.00)

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Preliminary Assessments of the Environmental Impact of a Superport on the Southeastern Coastal Area of Louisiana. Louisiana Superport Studies. Louisiana State University. 1973. (COM-73-10544, $10.00; microfiche, $3.00)

A Preliminary Assessment of the Environmental Vulnerability of Machias Bay, Maine to Oil Supertankers. Massachusetts Institute of Technology. 1973. (COM-73-10564, $6.25; microfiche, $3.00)

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A State of the Art Review, Appendix I. (PB-220 131, $4.75; microfiche, $3.00)
Appendices II, III. (PB-220 132, $5.25; microfiche, $3.00)

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Volume I. Summary. (PB-219 801, $4.75; microfiche, $3.00)
Volume II. Biology. (PB-219 802, $10.00; $3.00)
Volume III. Chemistry, Engineering, Geology and Physical Oceanography. (PB-219 803, $9.50; $3.00)
Volume IV. Biology Appendix. (PB-219 804, $10.50; $3.00)
Volumes I, II, III, IV. (PB-219 800-SET, $31.00)

Report on Channel Modifications. Arthur D. Little, Inc. 1973.
Volume I. [PREX14.2:C36/v.1, $4.45]
Volume II. [PREX14.2:C36/v.2, $8.15]

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Land Use Change and Environmental Quality in Urban Areas: Some Comparative Studies. Earth Satellite Corporation. 1973. (PB-220 742, $9.25; microfiche, $3.00)

The Taking Issue - An Analysis of the Constitutional Limits of Land Use Control. Fred Bosselman, David Callies, and John Banta. 1973. [PREX14.2:T13, $2.70]

Potential Onshore Effects of Deepwater Oil Terminal-Related Industrial Development. Arthur D. Little, Inc. 1973.
Volume I. Part One. Executive Summary. (PB-224 018, $3.25; microfiche, $3.00)
Volume II. Part Two. Mid-Atlantic Region. Part Three. Maine. (PB-224 019, $8.50; $3.00)
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Volumes I, II, III, IV. (PB-224 017-SET, $25.00)

Who Bears the Cost of Pollution Control?: The Impact on the Distribution of Income of Financing Federally Required Pollution Control. Public Interest Economics Center. 1973. (PB-226 447, $5.75; microfiche, $3.00)

A Study of the Quarterly Demand for Gasoline and Impacts of Alternative Gasoline Taxes, Interim Report. Data Resources, Inc. 1973. (PB-226 122, $8.50; microfiche, $3.00)

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OCS Oil and Gas - An Environmental Assessment

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Issues in the Assessment of Environmental Impacts of Oil and Gas Production on the Outer Continental Shelf, A Critique. National Research Council

Volume 2, PREX14.2:C15/2/vol. 2, $3.70 (PB-239 264, $6.20; microfiche, $3.00)

Appendix A	Federal Agency Contributors
Appendix B	Contracts Issued
Appendix C	Members of Governors' Advisory Committee
Appendix D	Summary of World Oil and Gas Reserves and Production
Appendix E	Oil and Gas Resource Classification and Estimates, Bureau of Mines and U.S. Geological Survey
Appendix F	Methodology for Selecting Hypothetical Locations of Possible Oil and Gas Accumulations, U.S. Geological Survey
Appendix G	The National Energy Scene, Walter G. Dupree, Jr.
Appendix H	A National Energy Conservation Program: The Half and Half Plan
Appendix I	Environmental Impacts of Alternatives to Outer Continental Shelf Oil and Gas Production, Hittman Associates, Inc.
Appendix J	Some Environmental Considerations in the Petroleum Refining Industry, Radian Corporation
Appendix K	Summary of the Public Hearings Held by the Council on Environmental Quality on the Environmental Impacts of Potential Oil and Gas Development of the Atlantic and Gulf of Alaska OCS, September-October 1973

Volume 3, PREX14.2:C15/2/vol. 3, $2.65 (PB-239 265, $5.15; microfiche, $3.00)
The Effect of Natural Phenomena on OCS Gas and Oil Development, Tetra Tech, Inc.
Toward Resolving Problems in Outer Continental Shelf Technology, Resources for the Future, Inc.

Volume 4, PREX14.2:C15/2/vol. 4, $6.65 (PB-239 266, $9.65; microfiche, $3.00)
Potential Onshore Effects of Oil and Gas Production on the Atlantic and Gulf of Alaska Outer Continental Shelf, Resource Planning Associates, Inc. and David M. Dornbusch & Co.

Volume 5, PREX14.2:C15/2/vol. 5, $6.50 (PB-239 267, $9.50; microfiche, $3.00)
Potential Biological Effects of Hypothetical Oil Discharges in the Atlantic Coast and Gulf of Alaska, Massachusetts Institute of Technology
Simulation of Hypothetical Offshore Petroleum Developments, Massachusetts Institute of Technology
Analysis of Oil Spill Statistics, Massachusetts Institute of Technology
Oil Spill Trajectory Studies for Atlantic Coast and Gulf of Alaska, Massachusetts Institute of Technology

Volumes 1-5 (PB-239 262, $31.00)

Total Urban Water Pollution Loads: The Impact of Storm Water. Enviro Control, Inc. 1974 (PB-231 730, $7.00; microfiche, $3.00)

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A Study of Industry Response to Policy Measures Designed to Improve Automobile Fuel Economy. Hittman Associates, Inc. 1974. (PB-234 625, $7.00; microfiche, $3.00)

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A Study of the Implementation of the National Environmental Policy Act by the United States Navy. Presearch Incorporated. 1974. (PB-233 133, $9.50; microfiche, $3.00)

Recreational Properties: An Analysis of the Markets for Privately Owned Recreational Lots and Leisure Homes. Richard L. Ragatz Associates, Inc. 1974. (PB-233 148, $12.50; microfiche, $3.00)

Farmers' Pesticide Use Decisions and Attitudes on Alternate Crop Protection Methods. RvR Consultants. 1974. (PB-234 633, $7.00; microfiche, $3.00)

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Executive Summary [4111-00023, $0.55]
Detailed Cost Analysis (includes the Executive Summary) [4111-0021, $2.90]
Literature Review and Bibliography [4111-00022, $3.25]

Interceptor Sewers and Suburban Sprawl. Urban Systems Research & Engineering, Inc. 1974.
Volume 1: Analysis (PB-236 477, $7.00; microfiche, $3.00)
Volume 2: Case Studies (PB-236 871, $8.75; microfiche, $3.00)

Environmental Impacts, Efficiency, and Cost of Energy Supply and End Use. Hittman Associates, Inc.
Volume I. 1974. (PB-238 784, $10.25; microfiche, $3.00)
Volume II. 1975. (PB-239 159, $8.50; microfiche, $3.00)

Production, Distribution, Use and Environmental Impact Potential of Selected Pesticides. Midwest Research Institute and RvR Consultants. 1974. (PB-238 795, $11.50; microfiche, $3.00)

Influence of Environmental Considerations on Agricultural and Industrial Decisions To Locate Outside the Continental United States. The Public Interest Economics Center. 1974. (PB-243 831, $4.75; microfiche, $3.00)

The National Environmental Policy Act Process Study: An Evaluation of the Implementation and Administration of the NEPA by the Forest Service and the Bureau of Land Management. VTN Consolidated, Inc. 1975. (PB-239 672, $8.50; microfiche, $3.00)

Environmental Impact Center, Inc. Prepared for the Council on Environmental Quality, the Department of Housing and Urban Development, and the Environmental Protection Agency.
Secondary Effects of Public Investments in Highways and Sewers. 1975. (PB-240 332, $5.75; microfiche, $3.00)
Review and Bibliography of Secondary Impacts of Major Investments: Highways, Mass Transit, Interceptor Sewers. 1974. (PB-240 827, $8.75; microfiche, $3.00)
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Executive Summary (PB-242 944, $4.75; microfiche, $3.00)
Full report (PB-244 621, $15.25; microfiche, $3.00)

Study of Federal Water Quality Monitoring Efficiency. Enviro Control, Inc. 1975. (PB-246 221, $6.25; microfiche, $3.00)

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Vol. I. (PB-246 264, $7.00; microfiche, $3.00)
Vol. II. (PB-246 265, $17.25; microfiche, $3.00)
Appendices. (PB-246 266, $7.00; microfiche, $3.00)
Executive Summary. (PB-246 267, $4.25; microfiche, $3.00)

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Energy Alternatives: A comparative Analysis. University of Oklahoma Science and Public Policy Program. 1975. Prepared for the Council on Environmental Quality, Energy Research and Development Administration, Environmental Protection Agency, Federal Energy Administration, Federal Power Commission, Department of the Interior, and National Science Foundation. [041-011-00025-4, $7.45] (PB-246 365, $18.75; microfiche, $3.00)

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Vol. I. Executive Summary. (PB-250 883, $4.00; microfiche, $3.00)
Vol. II. Analysis. (PB-250 884, microfiche, $3.00)

Air Pollution Indices: A Compendium and Assessment of Indices Used in the United States and Canada. Prepared for the Council on Environmental Quality and the Environmental Protection Agency by Gary C. Thom and Wayne R. Ott. 1975. [041-011-00028-9, $2.90]

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Full report. [041-011-00031-9, $5.40]

A Methodology for Comparative Evaluation of Water Quality Indices. W.E. Booth, P.C. Carubia, and F.C. Lutz. 1976. (PB-251 572, $6.75; microfiche, $3.00)

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MISCELLANEOUS

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A Recommended Air Pollution Index. Report of the Federal Task Force on Air Quality Indicators. 1976. [

STATEMENT TITLE INDEX - BY STATE AND COUNTY

STATE	COUNTY	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	ORIG AGENCY NUMBER
		DRAFT	Kraft Pulp Mills, Performance Standards	61455	10-05-76	EPA
		DRAFT	Missouri R. Reservoirs, Water for Energy	61471	10-08-76	DOI
		DRAFT	Coastal Energy Impact Program, Rules & Regs.	61473	10-08-76	DOC
		DRAFT	Petrol Refinery Sulfur Plants, Standards	61478	10-12-76	EPA
		DRAFT	1977 OCS Oil & Gas Lease Sale - North Atlantic Sta	61490	10-12-76	DOI
		DRAFT	Seamount Trawl Fishery Resources	61535	10-22-76	DOC
		DRAFT	Precious Corals, Management	61536	10-22-76	DOC
		DRAFT	Troll Salmon Fishery of the Pacific Coast	61537	10-22-76	DOC
		DRAFT	Sablefish of the Bering Sea - NE Pacific Ocean	61539	10-22-76	DOC
		DRAFT	Shrimp of the E. Bering Sea & Gulf of Alaska	61540	10-22-76	DOC
		DRAFT	King & Tanner Crabs of the E. Bering Sea	61541	10-22-76	DOC
		DRAFT	Trawl Fishery, Bering Sea & Aleutian Isles	61543	10-22-76	DOC
		DRAFT	High Seas Salmon Fisheries of Japan	61544	10-22-76	DOC
		DRAFT	Ohio R. (438 to 981) Sand & Gravel Dredge, Permit	61567	10-29-76	COE
		DRAFT	Atlantic Mackerel, FMP	61569	10-29-76	DOC
		DRAFT	Red Hake and Silver Hake, FMP	61570	10-29-76	DOC
		DRAFT	Atlantic Herring, FMP	61571	10-29-76	DOC
		DRAFT	"Other Finfish", FMP	61572	10-29-76	DOC
		DRAFT	Short- and Long-Finned Squid, FMP	61573	10-29-76	DOC
		FINAL	Policies Relating to Electric Power Rates	61448	10-04-76	TVA
		FINAL	Evaporative Emissions Regs. - 1978 Vehicles	61497	10-14-76	EPA
		FINAL	Plastic Bottles for Carbonated Beverages and Beer	61500	10-14-76	HEW
		FINAL	Housing Assistance Payments Program	61509	10-18-76	HUD
		DRAFT	Floating & Land-Based Nuclear Plants, Comparative	61472	10-08-76	NRC
		SUPPLE	Orange Herbicide Disposition by Incineration	61488	10-12-76	USAF
		SUPPLE	United Gas Pipeline Co., Curtailment (S-1)	61568	10-29-76	FPC
Alabama	Greene	DRAFT	Union Community Water System	61452	10-04-76	HUD
Alaska		DRAFT	Section 31 Gravel Extraction, Anchorage	61474	10-12-76	DOT
		DRAFT	Trawl Fishery of the Gulf of Alaska	61542	10-22-76	DOC
		FINAL	Metlakatla Small Boat Harbor #2	61561	10-27-76	COE
Arkansas		FINAL	McKinney Bayou	61457	10-05-76	COE
	Boone	FINAL	Carroll-Boone Regional Water System	61548	10-26-76	DOC
	Carroll	FINAL	Carroll-Boone Regional Water System	61548	10-26-76	DOC
	Jackson	DRAFT	Jackson Co., Ark., Breckenridge-Union Water System	61560	10-27-76	HUD
California		DRAFT	Trawl Fishery of the Was., Ore., Cal. Region	61538	10-22-76	DOC
		FINAL	NAS Miramar, Land Acquisition, AICUZ	61547	10-26-76	USN

STATEMENT TITLE INDEX - BY STATE AND COUNTY

STATE	COUNTY	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	ORIG AGENCY NUMBER
California	Los Angeles	DRAFT	Long Beach Freeway (CA-7), Route 10 - Route 210	61443	10-04-76	DOT
	San Bernardino	DRAFT	Ontario International Airport, Cal.	61517	10-18-76	DOT
	San Joaquin	FINAL	March Lane Expressway, El Dorado St. to West La.	61449	10-04-76	DOT
Colorado	Adams	DRAFT	I-76, I-25 - Wadsworth Blvd./I-70 Junction	61552	10-26-76	DOT
	Boulder	DRAFT	Habitat Planned Development, Boulder	61512	10-18-76	HUD
	Denver	DRAFT	I-76, I-25 - Wadsworth Blvd./I-70 Junction	61552	10-26-76	DOT
	Jefferson	DRAFT	I-76, I-25 - Wadsworth Blvd./I-70 Junction	61552	10-26-76	DOT
		FINAL	Harriman Park and Lakehurst West III	61523	10-21-76	HUD
Connecticut	Suffolk	SUPPLE	Dredge R. Channel, USN Sub. Base, New London (S-2)	61438	10-01-76	DOD
Florida		FINAL	Atlantic Intracoastal Waterway, S.C.	61527	10-22-76	COE
	Dade	DRAFT	S.E. Extension of S.R. 9-A, I-95/295 to Jacksonvil	61495	10-14-76	DOT
Georgia		DRAFT	Wm. B. Hartsfield Atlanta International Airport	61469	10-07-76	DOT
	several	DRAFT	S. Slope Unit, Chattahoochee-Oconee N.F.	61459	10-05-76	USDA
	Fulton	FINAL	Bedford-Pine Urban Renewal Area	61502	10-14-76	HUD
Hawaii	Maui	DRAFT	Kapaakea Homestead Flood Control, Molokai	61498	10-14-76	COE
Idaho		DRAFT	Sierra Pacific Power Co. - 230/345 kv Transmission	61508	10-15-76	DOI
	Bonner	FINAL	Blacktail Unit Plan, Kaniksu N.F.	61450	10-04-76	USDA
	Kootenai	FINAL	Blacktail Unit Plan, Kaniksu N.F.	61450	10-04-76	USDA
Illinois		DRAFT	Carbondale, Illinois - Street Improvements	61499	10-14-76	HUD
		FINAL	Calumet Harbor and River, Dredging and Disposal	61555	10-26-76	COE
	Jefferson	FINAL	U.S. 460 (Ill. Rt. 15, FA 821), 24th St. - 13th St	61481	10-12-76	DOT
	Johnson	DRAFT	Little Cache Creek Watershed	61486	10-12-76	USDA
Indiana		FINAL	Little Calumet River Basin, Flood Protection	61460	10-05-76	COE
		FINAL	Calumet Harbor and River, Dredging and Disposal	61555	10-26-76	COE

STATEMENT TITLE INDEX - BY STATE AND COUNTY

STATE	COUNTY	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	ORIG AGENCY NUMBER
Indiana	Carroll	FINAL	Rock Creek (Cass) Watershed	61554	10-26-76	USDA
	Cass	FINAL	Rock Creek (Cass) Watershed	61554	10-26-76	USDA
	Marion	DRAFT	I-65 to I-70 Distributor Route, Indianapolis	61480	10-12-76	DOT
	Sullivan	DRAFT	Merom Generating Sta. & Associated Transmission	61454	10-04-76	USDA
Iowa	Woodbury	DRAFT	Geo. Neal Steam Electric Gen. Sta., Neal Unit 4	61468	10-06-76	EPA
Kansas	Ellsworth	DRAFT	Kanopolis Unit, Smoky Hill Division	61489	10-12-76	DOI
	Riley	FINAL	Kansas Hwy 177 and Kansas Hwy 18, Manhattan	61475	10-12-76	DOT
	Sedgwick	FINAL	Grove Street: Lewis to Elm, Sedgwick County	61470	10-07-76	DOT
		FINAL	McLean Blvd., MacArthur Rd.- 31st St. So.-29th St.	61484	10-12-76	DOT
	Wyandotte	FINAL	Nearman Creek Generating Station	61437	10-01-76	COE
Kentucky	Anderson	DRAFT	U.S. 27 and KY-151, So. RR Bridge to Alton	61462	10-05-76	DOT
	Franklin	DRAFT	U.S. 27 and KY-151, So. RR Bridge to Alton	61462	10-05-76	DOT
Louisiana	Caddo	FINAL	West Agurs Levee, Red R. Below Denison Dam	61456	10-05-76	COE
	East Baton Rou	FINAL	Baton Rouge, Lou. - Alsen/St. Irma Lee Sewage Sys.	61510	10-18-76	HUD
	Jefferson	DRAFT	Greater New Orleans Miss. R. Bridge No. 2	61534	10-22-76	USCG
		FINAL	Woodmere Subdivision, Marrero	61467	10-06-76	HUD
	Orleans	DRAFT	Greater New Orleans Miss. R. Bridge No. 2	61534	10-22-76	USCG
	St Charles	DRAFT	Shell Chem. Co. Polypropylene Plant - Permit	61550	10-26-76	EPA
Maine		DRAFT	Pittston Oil Refinery & Marine Terminal	61546	10-22-76	EPA
	Penobscot	FINAL	Penobscot Wild and Scenic River	61556	10-26-76	DOI
	Piscataquis	FINAL	Penobscot Wild and Scenic River	61556	10-26-76	DOI
	Somerset	FINAL	Penobscot Wild and Scenic River	61556	10-26-76	DOI
Maryland	Charles	FINAL	Maryland Rte. 210, Old Fort Rd. to Rte. 227	61533	10-22-76	DOT
	Montgomery	SUPPLE	Metro A Route, Shady Grove - Rockville (S-1)	61565	10-28-76	DOT
	Prince George	FINAL	Maryland Rte. 210, Old Fort Rd. to Rte. 227	61533	10-22-76	DOT
	Worcester	DRAFT	Ocean City Airport Expansion, Md.	61514	10-18-76	DOT
Massachusetts	Bourne	DRAFT	Cape Cod Canal, Bourne & Sandwich, O & M	61447	10-04-76	COE

FROM 10-01-76
TO 10-31-76

COUNCIL ON ENVIRONMENTAL QUALITY

11-09-76

STATEMENT TITLE INDEX - BY STATE AND COUNTY

STATE	COUNTY	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	ORIG AGENCY NUMBER
Michigan		DRAFT	Cross Lake Michigan Ferry, Abandonment	61493	10-13-76	ICC
		FINAL	FY 77 Navigation Season Demonstration Program	61562	10-27-76	COE
	Clinton	FINAL	I-69, Charlotte to I-96 & I-96 N.W. of Lansing	61477	10-12-76	DOT
	Eaton	FINAL	I-69, Charlotte to I-96 & I-96 N.W. of Lansing	61477	10-12-76	DOT
Minnesota		FINAL	Minnesota River Flood Control, Chaska	61461	10-05-76	COE
	several	SUPPLES	T.H. 23, Jct. C.S.A.H. 24-Jct. S.T.H. 212	61465	10-06-76	DOT
	Cass	DRAFT	Harrison's Boat Harbor, Leech Lake	61483	10-12-76	COE
	Hennepin	DRAFT	Loring 100 Apts., Loring Park Dev. District	61515	10-18-76	HUD
		FINAL	Edenvale 11th Addition, Eden Prairie	61446	10-04-76	HUD
	Olmstead	DRAFT	South Fork, Zumbro R. Watershed	61553	10-26-76	COE
Mississippi	Bolivar	DRAFT	Rosedale Harbor Navigation Improvements, Miss.	61487	10-12-76	COE
	Coahoma	DRAFT	Rosedale Harbor Navigation Improvements, Miss.	61487	10-12-76	COE
	Hancock	FINAL	Mississippi Army Ammunition Plant	61528	10-22-76	USA
	Sunflower	DRAFT	Rosedale Harbor Navigation Improvements, Miss.	61487	10-12-76	COE
Missouri		FINAL	Rail-to-Barge Coal Transfer Facility, St. Louis	61501	10-14-76	COE
Montana	Big Horn	DRAFT	E. Decker & No. Extension Mines, Decker Coal Co.	61491	10-13-76	DOI
	Lincoln	FINAL	Big Swede-Pipe Units, Kootenai N.F.	61453	10-04-76	USDA
	Ravalli	DRAFT	Warm Springs-Medicine Tree Unit, Bitterroot N.F.	61564	10-28-76	USDA
Nebraska		DRAFT	Norfolk, Neb.-Winner, S.D. Rail Abandonment	61494	10-13-76	ICC
	Douglas	FINAL	U.S. Highway 6 - 114th St. to 156th St., Nebraska	61464	10-06-76	DOT
	Phelps	FINAL	US 6 and 34, and Junction with Nebraska 23	61522	10-20-76	DOT
Nevada		DRAFT	Sierra Pacific Power Co. - 230/345 kv Transmission	61508	10-15-76	DOI
New Jersey	Atlantic	DRAFT	Atlantic Generating Sta., Units 1 & 2 (2)	61525	10-21-76	NRC
	Cape May	DRAFT	Great Egg Harbor Inlet & Peck Beach, Dredging	61444	10-04-76	COE
	Ocean	DRAFT	Atlantic Generating Sta., Units 1 & 2 (2)	61525	10-21-76	NRC

FROM 10-01-76
TO 10-31-76

COUNCIL ON ENVIRONMENTAL QUALITY

11-09-76

STATEMENT TITLE INDEX - BY STATE AND COUNTY

STATE	COUNTY	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	ORIG AGENCY NUMBER
New Mexico	McKinley	DRAFT	Gamerco Coal Mine, New Mexico	61441	10-01-76	USDA
	San Juan	FINAL	Navajo Indian Irrigation Project	61482	10-12-76	DOI
	Torrance	DRAFT	S.R. 41, Willard to Estancia, New Mexico	61520	10-19-76	DOT
New York		FINAL	FY 77 Navigation Season Demonstration Program	61562	10-27-76	COE
	Essex	DRAFT	1980 Olympic Games, Lake Placid	61439	10-07-76	DOC
	Monroe	FINAL	Rochester SE Loop Urban Renewal #175	61451	10-04-76	HUD
	Wayne	SUPPLE	Granada New Community, New York (S-1)	61519	10-18-76	HUD
North Carolina		DRAFT	Little River Inlet Navigation Proj. N.C. & S.C. (2	61445	10-04-76	COE
	several	FINAL	Cape Fear R. Maintenance, Wilmington-Fayetteville	61551	10-26-76	COE
	Buncombe	DRAFT	U.S. 25, I-40 to Blue Ridge Parkway	61513	10-18-76	DOT
	Carteret	FINAL	Waterway Connecting Pamlico Sound-Beaufort Harbor	61549	10-26-76	COE
	Dare	DRAFT	Avon Water Project, Cape Hatteras	61479	10-12-76	USDA
North Dakota	Pembina	FINAL	Park River Flood Control, Grafton	61458	10-05-76	COE
Ohio		FINAL	FY 77 Navigation Season Demonstration Program	61562	10-27-76	COE
	Clermont	DRAFT	Wm. H. Zimmer Nuclear Power Station	61505	10-15-76	NRC
	Franklin	DRAFT	Ohio Route 315, Ackerman Rd. - I-270	61511	10-18-76	DOT
	Pike	DRAFT	Portsmouth Gaseous Diffusion Plant Expansion	61506	10-15-76	ERDA
Oregon		DRAFT	Chetco River Jetty Extension, Oregon (2)	61504	10-14-76	COE
		DRAFT	Trawl Fishery of the Was., Ore., Cal. Region	61538	10-22-76	DOC
		FINAL	I-82/182, Prosser, Was. to I-80N, Ore.	61559	10-26-76	DOT
		SUPPLE	Lower Columbia R. Bank Project (S-2)	61463	10-06-76	COE
	Multnomah	FINAL	I-205, Lewis & Clark Hwy. to S.E. Foster Rd.	61496	10-14-76	DOT
Pennsylvania	Elk	DRAFT	Buzzard Swamp Unit Plan, Allegheny N.F.	61531	10-22-76	USDA
	Forest	DRAFT	Buzzard Swamp Unit Plan, Allegheny N.F.	61531	10-22-76	USDA
Rhode Island	Providence	DRAFT	Cranston Wastewater Treatment Facilities	61524	10-21-76	EPA

STATEMENT TITLE INDEX - BY STATE AND COUNTY

STATE	COUNTY	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	ORIG AGENCY NUMBER
South Carolina		DRAFT	Little River Inlet Navigation Proj. N.C. & S.C. (2	61445	10-04-76	COE
		FINAL	Atlantic Intracoastal Waterway, S.C.	61527	10-22-76	COE
	Aiken	DRAFT	Savannah R. Plant, Waste Management	61526	10-21-76	ERDA
	Barnwell	DRAFT	Savannah R. Plant, Waste Management	61526	10-21-76	ERDA
	Beaufort	SUPPLE	Colleton R., Dredging & Pier Construction (S-3)	61574	10-29-76	COE
	Charleston	DRAFT	S.C. 703, Center St. to Jasper Boulevard	61516	10-18-76	DOT
South Dakota		DRAFT	Norfolk, Neb.-Winner, S.D. Rail Abandonment	61494	10-13-76	ICC
		SUPPLE	Lead-Deadwood Sanitary Facilities (S-2)	61436	10-01-76	EPA
	Clay	FINAL	Clay County Sta., 2 60MW Combustion Turbines	61566	10-29-76	USDA
Tennessee	Cumberland	FINAL	Obed National Wild and Scenic River	61529	10-22-76	DOI
	Pentress	FINAL	Obed National Wild and Scenic River	61529	10-22-76	DOI
	Morgan	FINAL	Obed National Wild and Scenic River	61529	10-22-76	DOI
Texas		FINAL	McKinney Bayou	61457	10-05-76	COE
	Dallas	FINAL	S.W. Mesquite Drainage Project	61466	10-06-76	HUD
	Gray	DRAFT	Texas I-40, U.S. 83 to Alanreed	61530	10-22-76	DOT
	Travis	DRAFT	Anderson Mill Subdivision, Austin	61492	10-13-76	HUD
	Wheeler	DRAFT	Texas I-40, U.S. 83 to Alanreed	61530	10-22-76	DOT
Utah	Beaver	DRAFT	Alunite Mine and Processing Plant	61507	10-15-76	DOI
	Garfield	DRAFT	Markagunt Plateau Unit Plan, Dixie N.F.	61558	10-26-76	USDA
	Iron	DRAFT	Markagunt Plateau Unit Plan, Dixie N.F.	61558	10-26-76	USDA
	Kane	DRAFT	Markagunt Plateau Unit Plan, Dixie N.F.	61558	10-26-76	USDA
	Utah	FINAL	Four Seasons Development, Unita N.F.	61503	10-14-76	USDA
Washington		DRAFT	Trawl Fishery of the Was., Ore., Cal. Region	61538	10-22-76	DOC
		FINAL	I-82/182, Prosser, Was. to I-80N, Ore.	61559	10-26-76	DOT
		SUPPLE	Lower Columbia R. Bank Project (S-2)	61463	10-06-76	COE
	several	FINAL	Twisp-Winthrop-Conconully Unit, Okanogan N.F.	61485	10-12-76	USDA
	Benton	DRAFT	High Performance Fuel Lab, Hanford Reservation (S-	61440	10-01-76	ERDA
	Perry	DRAFT	Kettle Range Unit Plan, Colville N.F.	61563	10-28-76	USDA
		FINAL	East Deer Creek Unit, Colville N.F.	61532	10-22-76	USDA
	Skamania	FINAL	Clear Creek Planning Unit, Gifford Pinchot N.F.	61557	10-26-76	USDA

FROM 10-01-76
TO 10-31-76

COUNCIL ON ENVIRONMENTAL QUALITY

11-09-76

STATEMENT TITLE INDEX - BY STATE AND COUNTY

STATE	COUNTY	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	ORIG AGENCY NUMBER
Wisconsin		DRAFT	Cross Lake Michigan Ferry, Abandonment	61493	10-13-76	ICC
	several	DRAFT	Chequamegon N.F. Timber Plan	61518	10-18-76	USDA
	Dane	DRAFT	Madison Organic Solids Reuse Plan	61545	10-22-76	EPA
		FINAL	U.S. Courthouse, Madison	61521	10-20-76	GSA
	Milwaukee	FINAL	Milwaukee Stadium Freeway, I-894 to I-94	61476	10-12-76	DOT

STATEMENT TITLE INDEX - BY AGENCY, BUREAU, & STATUS

AGENCY / BUREAU	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	NTIS ORDER NUMBER
DEPARTMENT OF AGRICULTURE					
Farmers Home Administration					
	DRAFT	Avon Water Project, Cape Hatteras	61479	10-12-76	(none)
Forest Service					
	FINAL	Blacktail Unit Plan, Kaniksu N.F.	61450	10-04-76	(none)
		Big Swede-Pipe Units, Kootenai N.F.	61453	10-04-76	(none)
	DRAFT	S. Slope Unit, Chattahoochee-Oconee N.F.	61459	10-05-76	(none)
	FINAL	Twisp-Winthrop-Conconully Unit, Okanogan N.F.	61485	10-12-76	(none)
		Four Seasons Development, Unita N.F.	61503	10-14-76	(none)
	DRAFT	Chequamegon N.F. Timber Plan	61518	10-18-76	(none)
		Buzzard Swamp Unit Plan, Allegheny N.F.	61531	10-22-76	(none)
	FINAL	East Deer Creek Unit, Colville N.F.	61532	10-22-76	(none)
		Clear Creek Planning Unit, Gifford Pinchot N.F.	61557	10-26-76	(none)
	DRAFT	Markagunt Plateau Unit Plan, Dixie N.F.	61558	10-26-76	(none)
		Kettle Range Unit Plan, Colville N.F.	61563	10-28-76	(none)
		Warm Springs-Medicine Tree Unit, Bitterroot N.F.	61564	10-28-76	(none)
Rural Electrification Administration					
	DRAFT	Gamerco Coal Mine, New Mexico	61441	10-01-76	(none)
		Meron Generating Sta. & Associated Transmission	61454	10-04-76	(none)
	FINAL	Clay County Sta., 2 60MW Combustion Turbines	61566	10-29-76	(none)
Soil Conservation Service					
	DRAFT	Little Cache Creek Watershed	61486	10-12-76	(none)
	FINAL	Rock Creek (Cass) Watershed	61554	10-26-76	(none)
DEPARTMENT OF COMMERCE					
Economic Development Administration					
	DRAFT	1980 Olympic Games, Lake Placid	61439	10-07-76	(none)
	FINAL	Carroll-Boone Regional Water System	61548	10-26-76	(none)
Nat'l Oceanic and Atmospheric Admin.					
	DRAFT	Coastal Energy Impact Program, Rules & Regs.	61473	10-08-76	(none)
		Seamount Trawl Fishery Resources	61535	10-22-76	(none)
		Precious Corals, Management	61536	10-22-76	(none)
		Troll Salmon Fishery of the Pacific Coast	61537	10-22-76	(none)
		Trawl Fishery of the Was., Ore., Cal. Region	61538	10-22-76	(none)
		Sablefish of the Bering Sea - NE Pacific Ocean	61539	10-22-76	(none)
		Shrimp of the E. Bering Sea & Gulf of Alaska	61540	10-22-76	(none)
		King & Tanner Crabs of the E. Bering Sea	61541	10-22-76	(none)
		Trawl Fishery of the Gulf of Alaska	61542	10-22-76	(none)
		Trawl Fishery, Bering Sea & Aleutian Isles	61543	10-22-76	(none)
		High Seas Salmon Fisheries of Japan	61544	10-22-76	(none)
		Atlantic Mackerel, FMP	61569	10-29-76	(none)
		Red Hake and Silver Hake, FMP	61570	10-29-76	(none)
		Atlantic Herring, FMP	61571	10-29-76	(none)
		"Other Finfish", FMP	61572	10-29-76	(none)

FROM 10-01-76
TO 10-31-76

COUNCIL ON ENVIRONMENTAL QUALITY

11-09-76

STATEMENT TITLE INDEX - BY AGENCY, BUREAU, & STATUS

AGENCY / BUREAU	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	NTIS ORDER NUMBER
DEPARTMENT OF COMMERCE					
Nat'l Oceanic and Atmospheric Admin.	DRAFT	Short- and Long-Finned Squid, FMP	61573	10-29-76	(none)
DEPARTMENT OF DEFENSE					
DEPARTMENT OF DEFENSE, Navy	SUPPLEM	Dredge R. Channel, USN Sub. Base, New London (S-2)	61438	10-01-76	(none)
DEPARTMENT OF DEFENSE, Air Force	SUPPLEM	Orange Herbicide Disposition by Incineration	61488	10-12-76	(none)
DEPARTMENT OF DEFENSE, Army	FINAL	Mississippi Army Ammunition Plant	61528	10-22-76	(none)
DEPARTMENT OF DEFENSE, Army Corps	FINAL	Wearman Creek Generating Station	61437	10-01-76	(none)
	DRAFT	Great Egg Harbor Inlet & Peck Beach,Dredging	61444	10-04-76	(none)
		Little River Inlet Navigation Proj. N.C. & S.C. (2	61445	10-04-76	(none)
		Cape Cod Canal, Bourne & Sandwich, O & M	61447	10-04-76	(none)
	FINAL	West Agurs Levee, Red R. Below Denison Dam	61456	10-05-76	(none)
		McKinney Bayou	61457	10-05-76	(none)
		Park River Flood Control, Grafton	61458	10-05-76	(none)
		Little Calumet River Basin, Flood Protection	61460	10-05-76	(none)
		Minnesota River Flood Control, Chaska	61461	10-05-76	(none)
	SUPPLEM	Lower Columbia R. Bank Project (S-2)	61463	10-06-76	(none)
	DRAFT	Harrison's Boat Harbor, Leech Lake	61483	10-12-76	(none)
		Rosedale Harbor Navigation Improvements, Miss.	61487	10-12-76	(none)
		Kapaakea Homestead Flood Control, Molokai	61498	10-14-76	(none)
	FINAL	Rail-to-Barge Coal Transfer Facility, St. Louis	61501	10-14-76	(none)
	DRAFT	Chetco River Jetty Extension, Oregon (2)	61504	10-14-76	(none)
	FINAL	Atlantic Intracoastal Waterway, S.C.	61527	10-22-76	(none)
		Waterway Connecting Pamlico Sound-Beaufort Harbor	61549	10-26-76	(none)
		Cape Fear R. Maintenance, Wilmington-Fayetteville	61551	10-26-76	(none)
	DRAFT	South Fork, Zumbro R. Watershed	61553	10-26-76	(none)
	FINAL	Calumet Harbor and River, Dredging and Disposal	61555	10-26-76	(none)
		Metlakatla Small Boat Harbor #2	61561	10-27-76	(none)
		FY 77 Navigation Season Demonstration Program	61562	10-27-76	(none)
	DRAFT	Ohio R. (938 to 981) Sand & Gravel Dredge, Permit	61567	10-29-76	(none)

STATEMENT TITLE INDEX - BY AGENCY, BUREAU, & STATUS

AGENCY / BUREAU	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	NTIS ORDER NUMBER
DEPARTMENT OF DEFENSE, Army Corps					
	SUPPLEM	Colleton R., Dredging & Pier Construction (S-3)	61574	10-29-76	(none)
DEPARTMENT OF DEFENSE, Navy					
	FINAL	NAS Miramar, Land Acquisition, AICUZ	61547	10-26-76	(none)
DEPARTMENT OF HEW					
FOOD AND DRUG ADMINISTRATION					
	FINAL	Plastic Bottles for Carbonated Beverages and Beer	61500	10-14-76	(none)
DEPARTMENT OF HUD					
	FINAL	Rochester SE Loop Urban Renewal #175	61451	10-04-76	(none)
		S.W. Mesquite Drainage Project	61466	10-06-76	(none)
		Woodmere Subdivision, Marrero	61467	10-06-76	(none)
	DRAFT	Anderson Mill Subdivision, Austin	61492	10-13-76	(none)
	FINAL	Bedford-Pine Urban Renewal Area	61502	10-14-76	(none)
		Housing Assistance Payments Program	61509	10-18-76	(none)
	DRAFT	Habitat Planned Development, Boulder	61512	10-18-76	(none)
		Loring 100 Apts., Loring Park Dev. District	61515	10-18-76	(none)
	SUPPLEM	Granada New Community, New York (S-1)	61519	10-18-76	(none)
	FINAL	Harriman Park and Lakehurst West III	61523	10-21-76	(none)
Section 104(h)					
	FINAL	Edenvale 11th Addition, Eden Prairie	61446	10-04-76	(none)
	DRAFT	Union Community Water System	61452	10-04-76	(none)
		Carbondale, Illinois - Street Improvements	61499	10-14-76	(none)
	FINAL	Baton Rouge, Lou. - Alsen/St. Irma Lee Sewage Sys.	61510	10-18-76	(none)
	DRAFT	Jackson Co., Ark., Breckenridge-Union Water System	61560	10-27-76	(none)
DEPARTMENT OF INTERIOR					
Bureau of Indian Affairs					
	FINAL	Navajo Indian Irrigation Project	61482	10-12-76	(none)
Bureau of Land Management					
	DRAFT	1977 OCS Oil & Gas Lease Sale - North Atlantic Sta	61490	10-12-76	(none)
		Alunite Mine and Processing Plant	61507	10-15-76	(none)
		Sierra Pacific Power Co. - 230/345 kv Transmission	61508	10-15-76	(none)
Bureau of Outdoor Recreation					
	FINAL	Obed National Wild and Scenic River	61529	10-22-76	(none)
		Penobscot Wild and Scenic River	61556	10-26-76	(none)

FROM 10-01-76
TO 10-31-76

COUNCIL ON ENVIRONMENTAL QUALITY

11-09-76

STATEMENT TITLE INDEX - BY AGENCY, BUREAU, & STATUS

AGENCY / BUREAU	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	NTIS ORDER NUMBER
DEPARTMENT OF INTERIOR					
Bureau of Reclamation					
	DRAFT	Missouri R. Reservoirs, Water for Energy	61471	10-08-76	(none)
		Kanopolis Unit, Smoky Hill Division	61489	10-12-76	(none)
Geological Survey					
	DRAFT	E. Decker & No. Extension Mines, Decker Coal Co.	61491	10-13-76	(none)
DEPARTMENT OF TRANSPORTATION					
Federal Aviation Administration					
	DRAFT	Wm. B. Hartsfield Atlanta International Airport	61469	10-07-76	(none)
		Ocean City Airport Expansion, Md.	61514	10-18-76	(none)
		Ontario International Airport, Cal.	61517	10-18-76	(none)
Federal Highway Administration					
	DRAFT	Long Beach Freeway (CA-7), Route 10 - Route 210	61443	10-04-76	(none)
	FINAL	March Lane Expressway, El Dorado St. to West La.	61449	10-04-76	(none)
	DRAFT	U.S. 27 and KY-151, So. RR Bridge to Alton	61462	10-05-76	(none)
	FINAL	U.S. Highway 6 - 114th St. to 156th St., Nebraska	61464	10-06-76	(none)
	SUPPLEM	S.T.H. 23, Jct. C.S.A.H. 24-Jct. S.T.H. 212	61465	10-06-76	(none)
	FINAL	Grove Street: Lewis to Elm, Sedgwick County	61470	10-07-76	(none)
	DRAFT	Section 31 Gravel Extraction, Anchorage	61474	10-12-76	(none)
	FINAL	Kansas Hwy 177 and Kansas Hwy 18, Manhattan	61475	10-12-76	(none)
		Milwaukee Stadium Freeway, I-894 to I-94	61476	10-12-76	(none)
		I-69, Charlotte to I-96 & I-96 N.W. of Lansing	61477	10-12-76	(none)
	DRAFT	I-65 to I-70 Distributor Route, Indianapolis	61480	10-12-76	(none)
	FINAL	U.S. 460 (Ill. Rt. 15, PA 821), 24th St. - 13th St	61481	10-12-76	(none)
		McLean Blvd., MacArthur Rd.- 31st St. So.-29th St.	61484	10-12-76	(none)
	DRAFT	S.E. Extension of S.R. 9-A, I-95/295 to Jacksonvil	61495	10-14-76	(none)
	FINAL	I-205, Lewis & Clark Hwy. to S.E. Foster Rd.	61496	10-14-76	(none)
	DRAFT	Ohio Route 315, Ackerman Rd. - I-270	61511	10-18-76	(none)
		U.S. 25, I-40 to Blue Ridge Parkway	61513	10-18-76	(none)
		S.C. 703, Center St. to Jasper Boulevard	61516	10-18-76	(none)
		S.R. 41, Willard to Estancia, New Mexico	61520	10-19-76	(none)
	FINAL	US 6 and 34, and Junction with Nebraska 23	61522	10-20-76	(none)
	DRAFT	Texas I-40, U.S. 83 to Alanreed	61530	10-22-76	(none)
	FINAL	Maryland Rte. 210, Old Fort Rd. to Rte. 227	61533	10-22-76	(none)
	DRAFT	I-76, I-25 - Wadsworth Blvd./I-70 Junction	61552	10-26-76	(none)
	FINAL	I-82/182, Prosser, Was. to I-80N, Ore.	61559	10-26-76	(none)
Urban Mass Transportation Administration					
	SUPPLEM	Metro A Route, Shady Grove - Rockville (S-1)	61565	10-28-76	(none)
ENERGY RESEARCH AND DEVELOPMENT ADMIN.					
	DRAFT	High Performance Fuel Lab, Hanford Reservation (S-	61440	10-01-76	(none)

FROM 10-01-76
TO 10-31-76

COUNCIL ON ENVIRONMENTAL QUALITY

11-09-76

STATEMENT TITLE INDEX - BY AGENCY, BUREAU, & STATUS

AGENCY BUREAU	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	NTIS ORDER NUMBER
ENERGY RESEARCH AND DEVELOPMENT ADMIN.					
	DRAFT	Portsmouth Gaseous Diffusion Plant Expansion	61506	10-15-76	(none)
		Savannah R. Plant, Waste Management	61526	10-21-76	(none)
ENVIRONMENTAL PROTECTION AGENCY					
	SUPPLEM	Lead-Deadwood Sanitary Facilities (S-2)	61436	10-01-76	(none)
	DRAFT	Kraft Pulp Mills, Performance Standards	61455	10-05-76	(none)
		Geo. Neal Steam Electric Gen. Sta., Neal Unit 4	61468	10-06-76	(none)
		Petrol Refinery Sulfur Plants, Standards	61478	10-12-76	(none)
	FINAL	Evaporative Emissions Reqs. - 1978 Vehicles	61497	10-14-76	(none)
	DRAFT	Cranston Wastewater Treatment Facilities	61524	10-21-76	(none)
		Madison Organic Solids Reuse Plan	61545	10-22-76	(none)
		Pittston Oil Refinery & Marine Terminal	61546	10-22-76	(none)
		Shell Chem. Co. Polypropylene Plant - Permit	61550	10-26-76	(none)
FEDERAL POWER COMMISSION					
	SUPPLEM	United Gas Pipeline Co., Curtailment (S-1)	61568	10-29-76	(none)
GENERAL SERVICES ADMINISTRATION					
	FINAL	U.S. Courthouse, Madison	61521	10-20-76	(none)
INTERSTATE COMMERCE COMMISSION					
	DRAFT	Cross Lake Michigan Ferry, Abandonment	61493	10-13-76	(none)
		Norfolk, Neb.-Winner, S.D. Rail Abandonment	61494	10-13-76	(none)
NUCLEAR REGULATORY COMMISSION					
	DRAFT	Floating & Land-Based Nuclear Plants, Comparative	61472	10-08-76	(none)
	DRAFT	Wm. H. Zimmer Nuclear Power Station	61505	10-15-76	(none)
		Atlantic Generating Sta., Units 1 & 2 (2)	61525	10-21-76	(none)
TENNESSEE VALLEY AUTHORITY					
	FINAL	Policies Relating to Electric Power Rates	61448	10-04-76	(none)

FROM 10-01-76
TO 10-31-76

COUNCIL ON ENVIRONMENTAL QUALITY

11-09-76

STATEMENT TITLE INDEX - BY AGENCY, BUREAU, & STATUS

AGENCY BUREAU	STATUS	STATEMENT TITLE	ACCESSION NUMBER	DATE FILED	NTIS ORDER NUMBER
U.S.Coast Guard	DRAFT	Greater New Orleans Miss. R. Bridge No. 2	61534	10-22-76	(none)

DEPARTMENT OF AGRICULTURE

Contact: Coordinator of Environmental
Quality Activities
Office of the Secretary
U.S.Department of Agriculture
Room 359-A,
Washington, D.C. 20250
(202) 447-3965

Farmers Home Administration

Draft	Date
Avon Water Project, Cape Hatteras	10/12

North Carolina
County: Dare
Proposed is the extension of the existing watersystem of the Cape Hatteras Water Association from Buxton, N.C. to the community of Avon, N.C., in order to provide a safe, dependable source of treated, domestic water for the Village of Avon. Plans call for the construction of a water line extension, storage tank, and distribution system. This project is intended to relieve residents of their sole dependence upon individually owned shallow wells which are subject to septic tank contamination and salt water intrusion from flooding. No adverse effects are anticipated. (149 pages)
(ELR ORDER # 61479)

Forest Service

Draft	Date
S. Slope Unit, Chattahoochee-Oconee N.F.	10/05

Georgia
County: several
Proposed is the implementation of a 10-year management plan for 129,000 acres of National Forest land in the South Slope Unit, Chattachoochee National Forest, located within Dawson, Fannin, Habersham, Lumpkin, Towns, Union, and White Counties, Georgia. The Unit plan discusses the resources of the area (i.e., soils, water, geology, timber, wildlife, etc.) and the related management actions which are directed to meet public needs while respecting the production capabilities of the National Forest. Adverse effects include temporary soil movement, impacts caused by logging activities, road and rail construction, and disturbance by off-road vehicles. (270 pages)
(ELR ORDER # 61459)

Warm Springs-Medicine Tree Unit, Bitterroot N.F.	10/28

Montana

County: Ravalli
Proposed is a revised land use plan for the Warm Springs-Medicine Tree Planning Unit, Sula Ranger District, Bitterroot, N.F. The 48,985-acre unit is divided into 6 management units of similar resource potential, use patterns, and management limitations. Adverse effects include air pollution due to site preparation, soil erosion as a result of road construction, and loss of 6,660 acres of roadless area to other uses. (206 pages)
(ELR ORDER # 61564)

Buzzard Swamp Unit Plan, Allegheny N.F. 10/22

Pennsylvania
County: Forest Elk
The proposed action is a 10-year management plan for the 9,700 acres of National Forest land in the Buzzard Swamp Unit, Allegheny National Forest. The management actions are directed to meet the local and regional needs of the public while remaining within the production capabilities of the forest resources. Adverse effects will be temporary soil movement and compaction caused by logging and construction and maintenance activities, and the controlled fluctuation of water levels in impoundments. (124 pages)
(ELR ORDER # 61531)

Markagunt Plateau Unit Plan, Dixie N.F. 10/26

Utah
County: Iron Kane Garfield
The statement proposes a management plan for the 400,000-acre Markagunt Plateau Unit in Dixie National Forest, Utah. The planning unit is divided into 5 management areas which are assigned such designations as wilderness areas, recreational areas, and roadless areas. Minor adverse effects will be stream sedimentation and short periods of air pollution. (210 pages)
(ELR ORDER # 61558)

Kettle Range Unit Plan, Colville N.F. 10/28

Washington
County: Ferry
Proposed is an intensive land use plan for the 232,550-acre Kettle Range Planning Unit in Colville National Forest, Washington. The plan makes the following land use allocations: 110,870 acres to general management, 64,900 acres to modified management, 7,410 acres to key management, 33,650 acres to scenic recreation, 14,470 acres to highway scenic management, 1,140 acres to Special or Natural use, and 110 acres to intensive recreation. Adverse impacts include removal of the vegetative cover and disturbance of the soil on 2,070 acres due to road construction, degradation of air and water, and destruction of old growth stand

habitat. (170 pages)
(ELR ORDER # 61563)

Chequamegon N.F. Timber Plan 10/18

Wisconsin
County: several
This statement outlines a Timber Management Plan for the Chequamegon National Forest for the period 10-01-76 to 09-30-86. The plan develops a potential yield of 29,540 cunits of large round wood and 90,820 cunits of products annually. The initial programmed allowable sell will be 80 percent of the annual potential yield. Proposed also are silvicultural prescriptions, reforestation, timber stand improvement, and transportation development. Harvest activities will cause erosion, changes in wildlife habitat, and temporary degradation of air. (140 pages)
(ELR ORDER # 61518)

Final Date

Blacktail Unit Plan, Kaniksu N.F. 10/04

Idaho
County: Bonner Kootenai
Proposed is the implementation of a land use plan for the Blacktail Planning Unit, Kaniksu National Forest. The proposed plan would allocate resources and specify land use prescriptions for only the 21,890 acres of National Forest land. Project implementation would cause a decrease in the small amount of lands that could be managed for primitive or back country recreation and a decrease in recreation solitude opportunities.
(283 pages)
COMMENTS MADE BY: COE EPA DOI
state and local agencies
concerned citizens
(ELR ORDER # 61450)

Big Swede-Pipe Units, Kootenai N.F. 10/04

Montana
County: Lincoln
The action involves the implementation of a revised multiple use plan for the 142,135 acre Big Swede-Pipe Planning Unit of Kootenai National Forest. The plan provides for fewer acres to be allotted to timber production, but an increase in long term yields through more intensive management of these acres allocated to production of wood products. Continued developmental activity will result in soil and vegetative disturbance. Areas which are currently unroaded will be developed and the natural condition of the Forest will be affected. (220 pages)
COMMENTS MADE BY: COE DOI EPA

state and local agencies
concerned citizens
(ELR ORDER # 61453)

Four Seasons Development, Unita N.F. 10/14

Utah
County: Utah
The statement concerns a prospoal for the Unita National Forest by Four Seasons, Inc. to construct and operate a major resort on approximately 4,500 acres directly east of Proro, Utah. This resort would be developed for intensified year-round recreational use, with emphasis on skiing. The proposed area for Four Seasons is in mountain terrain on the west slope of the Wasatch Range. Adverse effects include a slight increase in ambient air pollution and a temporary increase in soil erosion. The project may cause a significant and permanent change in the character of the nearby Utah County communities due to increased numbers of people visiting the community. (532 pages)
COMMENTS MADE BY: COE FEA ERDA HEW AHP OEO EPA DOI
state and local agencies
concerned citizens
(ELR ORDER # 61503)

Twisp-Winthrop-Conconully Unit, Okanogan N.F. 10/12

Washington
County: several
Proposed is a land use plan for the Twisp-Winthrop-Conconully Planning Unit, Okanogan National Forest. The unit includes about 1,478,000 acres of National Forest lands lying in Okanogan, Chelan, Skagit, and Whatcom Counties, Washington. The proposed action will result in a decrease of 5 million board feet of timber below the amount currently expected from the Planning Unit. Adverse effects to air, soil, and water resources will result from plan implementation.(369 pages)
COMMENTS MADE BY: USDA FPC DOI COE HUD EPA DOC
state and local agencies
concerned citizens
(ELR ORDER # 61485)

East Deer Creek Unit, Colville N.F. 10/22

Washington
County: Ferry
The proposed action consists of a more intensive land use plan for management of a heavily timbered 12,410 acre planning unit that supplies domestic water for the town of Orient. The natural condition of the 7200 acre roadless area and the opportunity for solitude in the Unit will decrease significantly as the proposed road network and timber management program is implemented. Water quality will be maintained in lower East Deer Creek at the present

condition, but additional environmental constraints, more costly, sophisticated yarding methods and reduced road access will increase the cost of timber management and will reduce the annual harvest for the short term. (194 pages)
COMMENTS MADE BY: EPA USDA DOI
state and local agencies
concerned citizens
(ELR ORDER # 61532)

Clear Creek Planning Unit, Gifford Pinchot N.F. 10/26

Washington
County: Skamania
The statement proposes a land-use plan for the 76,520-acre Clear Creek Planning Unit, Gifford Pinchot National Forest, Washington. The plan designates acreage for the following uses: 3,020 acres for Shark Rock Scenic Area, 2 areas totaling 6,360 acres for unroaded status, 9,620 acres for Key Wildlife Habitat, and 30 acres for recreation sites. Timber harvest is planned for one 1,720-acre unroaded area to facilitate removal of dead and dying trees. Additional people using the various facilities will cause some minor physical and biological impacts. (245 pages)
COMMENTS MADE BY: USDA COE DOI EPA FPC
state and local agencies
concerned citizens
(ELR ORDER # 61557)

Rural Electrification Administration

Draft Date

Merom Generating Sta. & Associated Transmission 10/04

Indiana
County: Sullivan
Proposed is the granting of loan guarantees to the Hoosier Energy Division of Indiana Statewide R.E.C., Inc. to construct and operate a 980 MW (2-490 MW units) coal fired, steam electric generating station. Associated with the generating station is a dam and reservoir on Turtle Creek with a reservoir surface area of 1550 acres at normal elevation 470, and an intake structure on the Wabash River. A 345 kV transmission line from Merom to Worthington will be required in conjunction with the operation of the first unit, scheduled for 1980. Adverse effects include release of some oxides of sulfur and nitrogen, along with a small amount of particulate matter. (800 pages)
(ELR ORDER # 61454)

Gamerco Coal Mine, New Mexico 10/01

New Mexico
County: McKinley
Proposed is the development, by Arizona Electric Power

Cooperative, Inc., of 8,011 acres of land located approximately 3 miles northwest of the City of Gallup, as a coal stripmine facility. Associated with the mine will be a proposed coal washing plant with associated settling and freshwater holding ponds, coal loadout facility, 2.1 mile railroad spur, 116 one-hundred-ton coal railroad cars, shops and offices, deepwater well, haul roads, and substation. Adverse effects include disturbances to topography, soils, air quality, and archaeological resources. (345 pages)
(ELR ORDER # 61441)

Final — Date

Clay County Sta., 2 60MW Combustion Turbines — 10/29

South Dakota
County: Clay
Proposed is the installation of 120 MW of combustion turbine capacity to be installed at a new 160-acre site in Clay County, South Dakota. The units will fire No.2 distillate fuel oil, and a low-profile switchyard and 2,000 fuel oil single steel pole, double circuit 155 kV transmission line will be required for tie-in with the existing transmission network. (240 pages)
COMMENTS MADE BY: DOT COE USDA EPA
state and local agencies
concerned citizens
(ELR ORDER # 61566)

Soil Conservation Service

Draft — Date

Little Cache Creek Watershed — 10/12

Illinois
County: Johnson
Proposed is the implementation of a project for watershed protection, flood prevention, and non-agricultural water management in Johnson County, Illinois. This project became effective on December 19, 1963, with conservation land treatment measures having been installed on 75 percent of the land to date. Works of improvement remaining to be installed include 5.1 miles of enlarging existing man-modified perennial streams and a recreational development at structure 12. Adverse effects include temporary increase in stream pollutants, and displacement of the fish population. (85 pages)
(ELR ORDER # 61486)

Final — Date

Rock Creek (Cass) Watershed — 10/26

Indiana
County: Cass Carroll
Proposed is a project for watershed protection, flood prevention, and drainage in Cass and Carroll Counties, Indiana. Project measures remaining to be installed include approximately 1.3 miles of channel work for flood prevention, 1.6 miles for drainage, and 11.1 miles for drainage and flood prevention. Conservation land treatment measures will be provided on 12,860 acres to adequately treat the land for use within its capabilities. The installation of some land treatment measures will result in damage to the vegetation on the unconstructed side of the channel.
(150 pages)
COMMENTS MADE BY: HEW DOT EPA USDA
state and local agencies
concerned citizens
(ELR ORDER # 61554)

DEPARTMENT OF DEFENSE, Navy

Contact: Mr. Peter M. McDavitt
Special Assistant to the Assistant
Secretary of the Navy (Installations
and Logistics)
Washington D.C. 20350
(202) 692-3227

Final Date

NAS Miramar, Land Acquisition, AICUZ 10/26

California
Proposed is the acquisition of 66 vacant parcels of land covering 1,660 acres as part of the Airfield Installation Compatible Use Zone (AICUZ) program at NAS Miramar, San Diego, California. The project will prevent development of noise sensitive uses and impose occupancy density limitations on the properties. Highest and best use of parcels in the area will be altered, changing from primarily residential and commercial uses to low density industrial uses. Implementation of the program will protect citizens from the adverse impacts of NAS Miramar operations. (123 pages)

COMMENTS MADE BY: AHP EPA
state and local agencies
concerned citizens
(ELR ORDER # 61547)

DEPARTMENT OF COMMERCE

Contact: Dr. Sidney R. Galler
Deputy Assistant Secretary for
Environmental Affairs
Department of Commerce
Washington, D.C. 20230
(202) 967-4335

Economic Development Administration

Draft — Date

1980 Olympic Games, Lake Placid — 10/07

New York
County: Essex
This statement relates to the 1980 Olympic Games, proposed to be conducted in February 1980 in the Village of Lake Placid and the towns of North Elba and Wilmington, and vicinity. The Proposed Action consists of two levels of activity attendant to the 1980 Olympics. The first level is the Overall Program, which includes scheduling of specific events, support activities, attendance estimates, and housing. The second level consists of the specific facilities to be constructed or utilized to accomodate Olympic-related activity. Facilities provided for the 1980 Winter Games will thereafter serve as a winter sports training center for U.S. athletes. (500 pages)
(ELR ORDER # 61439)

Final — Date

Carroll-Boone Regional Water System — 10/26

Arkansas
County: Carroll Boone
Proposed is the construction of a water supply system for Carroll and Boone Counties. The system will include a raw water intake structure on Beaver Reservoir, a pump station, a water treatment plant, several storage tanks, and about 69 miles of water transmission line. If implemented the plan will result in changes in existing land use patterns in the area, loss of some trees and vegetation, increased erosion and siltation, loss of some wildlife and its habitat, and increases in traffic, noise level, air emissions, industrial and domestic wastes, and congestion. (310 pages)
COMMENTS MADE BY: COE USDA DOI EPA DOT HEW AHP
(ELR ORDER # 61548)

Nat'l Oceanic and Atmospheric Admin.

Draft — Date

Coastal Energy Impact Program, Rules & Regs. — 10/08

The proposed action consists of promulgating rules and regulations governing administration of the Coastal Energy Impact Program (CEIP) established by Section 308 of the Coastal Zone Management Act as amended. The CEIP provides financial assistance to meet the needs of coastal states and local communities resulting from specified activities, and improves the decision-making process for managing the social, economic, and environmental consequences resulting from coastal energy activity. Adverse impacts will be localized, and will be limited to those associated with actual operation of public facilities to be financed under 308(b) and (d). (50 pages)
(ELR ORDER # 61473)

Seamount Trawl Fishery Resources ,PMP 10/22

The proposed action sets forth a preliminary management plan for the seamount trawl fishery resources in the western Pacific Region (Hawaii, Guam, and American Samoa). There is presently no U.S. harvesting of armorheads or alfonsins. Armorheads make up over 90% of the foreign trawl catches on the seamounts; alfonsins are only a minor constituent. The proposed action temporarily restricts the foreign harvest to a 2,000 metric tons catch quota, which may be taken with a trawling effort not to exceed 60 vessel-days, beginning March 1, 1977. (30 pages)
(ELR ORDER # 61535)

Western Pacific Precious Corals, PMP 10/22

This statement sets forth a Preliminary Management Plan for the precious coral resources of the Western Pacific Region (Hawaii, Guam, and American Samoa). The proposed action prohibits the direct foreign harvest of precious corals from any bed in the zone until such bed has been surveyed and scientifically assessed, and until the level of surplus yield for foreign vessels has been determined. The action also prohibits the incidental killing or harvesting of precious corals, except when the same is judged by the Secretary of Commerce to not seriously damage U.S. interests. (35 pages)
(ELR ORDER # 61536)

Pacific Coast Troll Salmon Fishery, PMP 10/22

Proposed is the adoption and implementation of a preliminary fishery management plan for the troll salmon fishery of the Pacific Coast. The purpose of the plan is to manage the troll salmon fishery off the coast of the U.S. for the optimum sustainable yield, and to allocate harvest between domestic and foreign fishermen. The plan recommends that there be no decision on the total allowable level of foreign (Canadian) fishing until a new salmon treaty is consummated. (75 pages)
(ELR ORDER # 61537)

Bering Sea-NE Pacific Ocean Sablefish, PMP 10/22

The proposed action is to adopt and implement a preliminary fishery management plan for the sablefish (Anoplopoma fimbria). The purpose of the plan is to manage the foreign sablefish fisheries off the coast of the United States for the optimum sustainable yield and to allocate harvest between domestic and foreign fishermen. The plan recommends a total catch in U.S. waters of from 34,000 to 36,000 metric tons; allocations are suggested for specific areas and times. (103 pages)
(ELR ORDER # 61539)

E. Bering Sea & Gulf of Alaska Shrimp, PMP 10/22

Proposed is the adoption and implementation of a preliminary fishery management plan for northern pandalid shrimp in the eastern Bering Sea and Gulf of Alaska. No foreign fishery is to be permitted since the domestic fishery has the capacity and desire to harvest the total allowable catch of 50,000 metric tons. Foreign application to continue the fishery is anticipated. (41 pages)
(ELR ORDER # 61540)

E. Bering Sea King & Tanner Crabs, PMP 10/22

The proposed action is to adopt and implement a preliminary fishery management plan for King and Tanner crabs in the eastern Bering Sea. The foreign fishery will be permitted to take 10,200 metric tons of Tanner crabs. The balance of 91,000 metric tons between the amount allotted to foreign fisheries and the TAC of 101,000 metric tons provides the opportunity for a substantial increase in domestic production which in 1975 was 3,200 metric tons and in 1976 is not likely to exceed 12,000 metric tons. (60 pages)
(ELR ORDER # 61541)

Bering Sea & Aleutian Isl. Trawl Fishery, PMP 10/22

The proposed action is to adopt and implement a preliminary fishery management plan for the trawl fishery of the Bering Sea and Aleutian Islands. Total allowable catch of walleye pollock and yellowfin sole will be 850,000 and 106,000 metric tons respectively. Other species will have TACs that are set 10% below the last catch of record or 93,600 metric tons. Specific region-wide restrictions and area-time closure have been recommended. A reduction in foreign fishing has been provided by the plan. (154 pages)
(ELR ORDER # 61543)

High Seas Salmon Fisheries of Japan ,PMP 10/22

Proposed is the adoption and implementation of a preliminary fishery management plan for the salmon of U.S. origin taken in the high seas salmon fishery of Japan. Although the Fishery Conservation and Management Act of 1975 (P.L. 94-265) would require no allowable catch of salmon by Japan within the U.S. fishery zone and beyond, the North Pacific Fisheries Treaty remains in force until one year after any signatory nation gives notice of its intention of terminating the Convention. Consequently, the foreign fishery for salmon on the high seas can be expected to continue at least through the 1977 season. (147 pages)
(ELR ORDER # 61544)

Atlantic Mackerel, PMP 10/29

This statement sets forth a Preliminary Management Plan (PMP) for the harvesting of Atlantic Mackerel (Scomber Scombrus) of the N.E. United States in order to permit proper negotiations with foreign nationals and to ensure a smooth turnover of management strategies from those of the International Convention for the Northwest Atlantic Fisheries to those of the newly created New England Council. The PMP proposes a 1977 total allowable catch of 55,000 metric tons for USA and foreign fleets. USA commercial fleet capacity is estimated at 5,000 metric tons, leaving 50,000 metric tons to be apportioned among foreign countries. (96 pages)
(ELR ORDER # 61569)

Red Hake and Silver Hake, PMP 10/29

This statement outlines a Preliminary Management Plan (PMP) for the harvesting of red and silver hake off the Northeastern United States. The PMP makes recommendations for each subdivision with regard to optimum yield, USA fleet capacity and foreign surplus. Allocations have also been proposed for foreign nationals. Time, area, and gear limitations have also been placed on foreign nationals to minimize conflict with USA Offshore lobster pot fishery, and to minimize by-catch.
(122 pages)
(ELR ORDER # 61570)

Atlantic Herring, PMP 10/29

This statement sets forth a preliminary management plan for the harvesting of Atlantic herring (Clupea harengus harengus). The proposed total allowable catch for 1977 would be 40,000 metric tons; the USA would be allowed 18,000 of the total 33,000 tons from Georges Bank and 6,000 of the 7,000 tons from the Gulf of Maine. The action will result in reduction of the

Div. 5 stock to a level below that deemed advisable by ICNAF scientists. (107 pages)
(ELR ORDER # 61571)

"Other Finfish", PMP 10/29

This statement proposes a Preliminary Management Plan (PMP) for "Other Finfish" harvesting off the N.E. United States in order to permit proper negotiations with foreign nationals and to ensure a smooth turnover of management strategies from those of the International Convention for the Northwest Atlantic Fisheries and those of the newly created New England Fisheries Management Council. The PMP proposes a 1977 TAC of 150,000 tons. Of this total, 78,000 tons will be designated for harvest by USA harvesting capacity, and 72,000 tons will be allocated to foreign nationals. (90 pages)
(ELR ORDER # 61572)

Short- and Long-Finned Squid, PMP 10/29

This statement sets forth a Preliminary Fishery Management Plan (PMP) for the harvesting of short-finned squid (Illex) and long-finned squid (Loligo) off the N.E. U.S. in order to permit proper negotiations with foreign nationals and to ensure smooth turnover of management strategies from those of the International Convention for the Northwest Atlantic Fisheries to those of the New England Council. Proposed fishing areas and seasons are discussed, as well as allocation between species and fisheries. (104 pages)
(ELR ORDER # 61573)

Trawl Fishery of the Gulf of Alaska ,PMP 10/22

Alaska
Proposed is the adoption and implementation of a preliminary fishery management plan for the trawl fishery of the Bering Sea and Aleutian Islands. Total allowable catch for walleye pollock and yellowfin sole will be 850,000 and 106,000 metric tons respectively. Other species will have TACs that are set 10% below the last catch of record or 93,600 metric tons. Specific region-wide restriction and area-time closures have been recommended. A reduction in foreign fishing has been provided by the plan. (110 pages)
(ELR ORDER # 61542)

Trawl Fishery of the Was/Ore/Cal Region, PMP 10/22

Washington Oregon California
The proposed action is to adopt and implement a preliminary fishery management plan for the trawl fishery of Washington, Oregon, and California. Specific TACs are

given for Pacific hake (150,000 metric tons), rockfishes (1,000 metric tons), flounders (17,000 metric tons), sablefish (no allocation in this plan), Jack mackerel (55,000 metric tons), and other species. Conservation and management measures recommended are designed to regulate the foreign fisheries and preserve options for U.S. entry when economic conditions permit. (97 pages)
(ELR ORDER # 61538)

DEPARTMENT OF DEFENSE, Air Force

Contact: Dr. Billy Welch
Room 4D 873, The Pentagon
Washington, D.C. 20330
(202) OX 7 - 9297

Supplement	Date
Orange Herbicide Disposition by Incineration	10/12

Proposed is the reprocessing of the Air Force's entire 2.3 million gallon stock of Orange herbicide in order to reduce the dioxin contaminate to levels currently acceptable to the Environmental Protection Agency for herbicide registration and use. Pilot plant studies indicate that reprocessing for dioxin removal via absorption on activated charcoal is economically feasible and environmentally acceptable. Reprocessing operations are proposed to take place at the present herbicide storage sites: the Naval Construction Battalion Center, Gulfport, Mississippi, and Johnston Island, Central Pacific Ocean. No adverse effects are anticipated. (40 pages)
(ELR ORDER # 61488)

DEPARTMENT OF DEFENSE, Army

Contact: Mr. George A. Cunney, Jr.
Acting Chief, Environmental Office
Directorate of Installations
Office of the Deputy Chief of Staff
for Logistics
Washington, D.C. 20310
(202) OX 4-4269

Final Date

Mississippi Army Ammunition Plant 10/22

Mississippi
County: Hancock
Proposed is the construction of the Mississippi Army Ammunition Plant (MSAAP) to manufacture an improved type of 155 mm artillery ammunition. The plant will be located on a 7100-acre undeveloped portion of the NASA National Space and Technology Laboratory in Hancock County. The MSAAP will feature the following: 1) Projectile Metal Parts Area, 2) Cargo Metal Parts Area, 3) Load Assembly and Pack Area, and 4) Fuze Facility. Negative impacts will be soil disturbance and discharge of treated wastes into the Pearl River, possibly using some natural stream assimilative capacity. (499 pages)
COMMENTS MADE BY: EPA DOI USDA NASA
state and local agencies
concerned citizens
(ELR ORDER # 61528)

DEPARTMENT OF DEFENSE, Army Corps

Contact: Dr. C. Grant Ash
Office of Environmental Policy Development
Attn: DAEN-CWR-P
Office of the Chief of Engineers
U. S. Army Corps of Engineers
1000 Independence Avenue, S. W.
Washington, D. C. 20314
(202) 693-6795

Draft — Date

Ohio R. (438 to 981) Sand & Gravel Dredge, Permit — 10/29

Proposed is the issuance of a Department of the Army permit to allow continued commercial sand and gravel dredging from the Ohio River within the jurisdiction of the Louisville District, U.S. Army Corps of Engineers, Ohio River mile 438.0 to 981.0. The project will cause the removal or displacement of benthic fauna and the existing habitat of fish species will be altered. The dredging will cause localized increases in suspended material. (Louisville District) (235 pages)
(ELR ORDER # 61567)

Kapaakea Homestead Flood Control, Molokai — 10/14

Hawaii
County: Maui
Proposed is a flood control project for the Kapaakea Homestead area, Molokai. Flood proofing by raising the homes or constructing a 2,000-foot long channel with diversion levees are being considered in order to provide flood protection to the Kapaakea Homestead located in the Kamiloa flood plain. Adverse effects include the removal of 10 acres of urban and agricultural lands from productive use. Clearing in the upland areas will eliminate some wildlife habitat. (Pacific Ocean Division) (40 pages)
(ELR ORDER # 61498)

Cape Cod Canal, Bourne & Sandwich, O & M — 10/04

Massachusetts
County: Bourne
Proposed is the maintenance and operation of the Cape Cod Canal, including intermittent dredging of the main channel, mooring basins, and boat basins. In addition, the project includes maintenance and operation of a breakwater, a jetty, a railroad bridge, two highway bridges, three dikes, maintenance and administrative buildings, floating plant, electronic traffic control system, and service roads and recreation areas. This project would allow for continued safe navigation by commercial and recreational vessels. Permanent elimination of some benthic habitats is anticipated.

(New England Division) (100 pages)
(ELR ORDER # 61447)

Harrison's Boat Harbor, Leech Lake 10/12

Minnesota
County: Cass
Proposed is the granting of a Department of the Army permit to construct a channel-harbor on property located on Portage Bay on Leech Lake in Cass County, Minnesota. The harbor and channel would be approximately 1,660 feet long by 5 feet deep with a surface area of 2.29 acres. Approximately 16,260 cubic yards of material consisting of peat and clay would be dredged by dragline during construction. The proposed project would provide mooring space and lake access for small recreational craft and could serve as a harbor-of-refuge on Leech Lake. Adverse effects include loss of 9 acres of wildlife habitat and 6.6 acres of wetland. (St. Paul District) (35 pages)
(ELR ORDER # 61483)

South Fork, Zumbro R. Watershed 10/26

Minnesota
County: Olmstead
The statement proposes measures to solve the water resource problems of the South Fork Zumbro River Watershed in Rochester, Minnesota. The plan includes 9.3 miles of channel modifications, supplemental levees, continued flood insurance and floodplain regulation, 20 miles of recreational trails, 4 new parks, 7 upstream reservoirs, and land treatment measures proposed by the SCS. The 2 proposals would accomodate a 1% chance of flood. Adverse effects include the relocation of several homes and businesses, and the reduction of fish and wildlife habitat. (St. Paul District) (82 pages)
(ELR ORDER # 61553)

Rosedale Harbor Navigation Improvements, Miss. 10/12

Mississippi
County: Bolivar Coahoma Sunflower
The proposed improvement project for Rosedale Harbor, Mississippi, calls for a channel 2.7 miles long and an access road 0.7 miles long located approximately 2 miles south of Rosedale. The features of this plan also call for a 9 X 150 foot channel, a 400 X 1,000 foot turning basin, an access road with a 40-foot crown, and a 20-acre land fill to be used as an industrial park. Material dredged from the channel will be deposited on the east side of Log Loaders Chute to form the 20-acre land fill. Adverse effects include loss of woodland. (Vicksburg District) (23 pages)
(ELR ORDER # 61487)

Great Egg Harbor Inlet & Peck Beach,Dredging 10/04

New Jersey
County: Cape May
Proposed is a maintenance and dredging project at Great Egg Harbor Inlet and Peck Beach, in Cape May County, New Jersey. The plan includes jetty construction, dredging and maintaining a navigation channel, placement of beachfill, maintenance of 11 existing groins and periodic beach nourishment, all designed to increase safety and meet recreational demands. The most significant adverse impact will be caused by dredging for initial beachfill at an offshore site, creating sediment suspension and thereby altering the benthic community and degrading the water quality.
(Philadelphia District) (210 pages)
(ELR ORDER # 61444)

Little River Inlet Navigation Proj. N.C. & S.C. (2) 10/04

North Carolina South Carolina
The proposed project pertains to the Little River Inlet Navigation Project, Brunswick County, North Carolina, and Horry County, South Carolina. The recommended plan of improvement calls for: dredging an entrance channel to the Atlantic Intracoastal Waterway, dredging upcoast and downcoast deposition basins, constructing north and south jetties, and constructing sand dunes on both sides of the inlet. Adverse effects include alteration of existing vegetation, and possible displacement of wildlife species.
(Charleston District) (95 pages)
(ELR ORDER # 61445)

Chetco River Jetty Extension, Oregon (2) 10/14

Oregon
Proposed is the construction of a 1,250-foot extension of the south jetty (to the 18 ft. depth contour) and construction of a 750-ft. extension of the north jetty (to the 22 ft. contour) of the Chetco River, Oregon. Project plans also call for deepening of the existing 14-ft. channel and turning basin to 16 ft. with disposal at sea during construction and subsequent maintenance. Adverse effects include disruption and removal of about 4 acres of river bottom currently dredged annually, and coverage of 7.9 acres of offshore sandy bottom with rock.
(Washington, D.C. District) (275 pages)
(ELR ORDER # 61504)

Final Date

Metlakatla Small Boat Harbor #2 10/27

Alaska
The proposed project consists of constructing two rubble-

mound breakwaters and dredging an entrance and access channel for an additional small boat harbor at the town of Metlakatla. The new harbor will provide additional moorage facilities for resident and transient fishing vessels, other commercial vessels, and pleasure craft, and will provide adequate protection from damaging waves generated by winds from the west and the north. Adverse effects include disruption of 23 acres of marine habitat, disturbance of terrestial habitat at quarry sites, and a long term decrease in water quality at the harbor site. (Alaska District) (98 pages)
COMMENTS MADE BY: DOC HUD DOI DOT EPA
state and local agencies
concerned citizens
(ELR ORDER # 61561)

McKinney Bayou ,Texas 10/05

Arkansas Texas
The proposed project involves the construction of 2 major outlet channels to the Red River, with related control works, channel enlargement of 15.6 miles of McKinney Bayou, and interior drainage improvements. The project will provide flood protection and/or improved drainage to 41,600 acres of cleared land. Counties affected are Miller in Arkansas and Bowie in Texas. As a result of the project 3,600 acres of bottom forest will be cleared for agricultural production, with adverse impact to wildlife and fish resources. (104 pages)
COMMENTS MADE BY: DOI USDA HEW FPC EPA
state and local agencies
concerned citizens
(ELR ORDER # 61457)

Calumet Harbor and River, Dredging and Disposal 10/26

Illinois Indiana
The statement concerns the periodic maintenance dredging of Calumet Harbor and River and disposal of spoil in an existing disposal site in Lake Calumet. The project is located on the southwest shore of Lake Michigan within the Chicago city limits. Adverse impacts include the disturbance of bottom sediments, the removal of pollution-tolerant organisms, and the possiblity of pollutants entering the Calumet River as the disposal site reaches capacity. (Chicago District) (200 pages)
COMMENTS MADE BY: USDA DOC EPA HUD DOI USCG AHP
(ELR ORDER # 61555)

Little Calumet River Basin, Flood Protection 10/05

Indiana
The recommended plan will provide protection from flooding along the Little Calumet River, Indiana and also provide recreation for the area. The flood protection will be

provided through main stem channel alterations (widening and deepening) and levees. A total of 2,500 acres of recreational space will be provided and 3 low dams will be constructed in the channel to impound water to maintain a higher water table. Limited destruction of wetlands will occur in the path of the widened river and corridor. (Chicago District) (190 pages)
COMMENTS MADE BY: DOC DOI DOT EPA USDA
(ELR ORDER # 61460)

Nearman Creek Generating Station 10/01

Kansas
County: Wyandotte
Proposed is the construction of a 246 Megawatt coal-fired steam-electric generating facility and appurtenant structures on and in the Missouri River between River Miles 377 and 379 in the City of Kansas City, Kansas. The proposed powerplant would convert approximately 725 acres of agricultural land and wildlife habitat to industrial use, and plant operation would result in the release of waste by-products of combustion and a heated discharge into the Missouri River. (Kansas District) (382 pages)
COMMENTS MADE BY: USDA DOC HEW HUD DOI DOT EPA AHP
state and local agencies
concerned citizens
(ELR ORDER # 61437)

West Agurs Levee, Red R. Below Denison Dam 10/05

Louisiana
County: Caddo
The proposed action involves the construction of 232 wells along the levee at Twelvemile Bayou, in order to insure the integrity of the structure at high-water levels. Wells measuring 20 feet wide and 22 feet deep will occur at 50-foot intervals along the borrow pit. The project will insure continued protection for about 700 acres of the West Agur from overflows from Red River backwater and headwater floods originating in the Cypress Creek-Twelvemile Bayou Basin. Approximately 600 cu. yards of material will be removed and spread on the levee. (New Orleans District) (30 pages)
COMMENTS MADE BY: DOI USDA EPA DOT HEW
state and local agencies
concerned citizens
(ELR ORDER # 61456)

Minnesota River Flood Control, Chaska 10/05

Minnesota
This statement proposes the upgrading and extending of an existing levee along the Minnesota River, diverting total flows of Chaska Creek to the outside of the leveed area.

diverting flood flows of East Creek to the outside of the leveed area, and constructing interior drainage facilities. Adverse impacts are the removal of 6 mobile homes and 7 houses, the possible disruption of up to 268 acres of land, and increased danger of damage by a greater than intermediate regional flood due to development and redevelopment of the area. (St. Paul District) (135 pages)
COMMENTS MADE BY: EPA DOI USDA USCG DOT
state and local agencies
concerned citizens
(ELR ORDER # 61461)

Rail-to-Barge Coal Transfer Facility, St. Louis 10/14

Missouri
The proposed action calls for the construction of a 10-million ton/year coal terminal for transferring western coal from unit trains to river barges for transport to locations along the Ohio and Mississippi Rivers. The terminal will be located on the west bank of the Mississippi River in St. Louis, Mo., and will occupy approximately 45 acres of unused industrially-zoned land. Adverse effects include loss of marginal wildlife habitat, noise generation, aesthetic intrusion, and interference with local traffic patterns due to increased number of trains. (St. Louis District) (165 pages)
COMMENTS MADE BY: EPA USDA HUD DOT AHP
state and local agencies
concerned citizens
(ELR ORDER # 61501)

FY 77 Navigation Season Demonstration Program 10/27

New York Ohio Michigan
The FY 77 Navigation Season Extension Demonstration Program is part of an ongoing investigation to demonstrate the practicability of certain enabling measures for extending the commercial navigation season on the Great Lakes-St. Lawrence Seaway System. This statement presents various methods to be investigated and associated studies to be undertaken during the FY 77 Demonstration Program. No significant adverse effects are anticipated. (Detroit District. (200 pages)
COMMENTS MADE BY: DOI EPA USCG USDA DOT AHP DOC ERDA
state and local agencies
concerned citizens
(ELR ORDER # 61562)

Waterway Connecting Pamlico Sound-Beaufort Harbor 10/26

North Carolina
County: Carteret
The proposed action involves maintenance dredging of the channel connecting Pamlico Sound and Beaufort Harbor, North Carolina, and the associated side channels.

Dredging activities are to be accomplished by hydraulic pipeline dredge and consist of maintaining the existing projects to their authorized dimensions. Dredged materials are to be confined in highland diked disposal areas, confined in underwater diked areas, or used to create disposal uplands. Terrestrial life will be buried in the upland diked disposal areas and primarily benthic organisms covered in overboard disposal sites. (Wilmington District)
(409 pages)
COMMENTS MADE BY: EPA DOI HEW USCG DOT USDA
state and local agencies
concerned citizens
(ELR ORDER # 61549)

Cape Fear R. Maintenance, Wilmington-Fayetteville 10/26

North Carolina
County: several
Proposed is the continued maintenance of the existing navigation program from Wilmington to Fayetteville, N.C. Maintenance consists of removal of shoals from the waterway and operation of the 3 locks and dams. Removal of shoals and disposal of dredged material has adverse effects on the water and associated life forms. (Wilmington District)
(233 pages)
COMMENTS MADE BY: EPA USDA DOC DOI USCG HEW
state and local agencies
concerned citizens
(ELR ORDER # 61551)

Park River Flood Control, Grafton 10/05

North Dakota
County: Pembina
The statement proposes the construction of a levee surrounding Grafton, North Dakota, and vicinity, and the construction of a channel which would allow flood water to bypass the leveed area. Interior drainage facilities would be included. Adverse impacts include: the loss of 5 acres of floodplain forest, 230 acres of highly fertile agricultural land, and another 130 acres of land for spoil disposal; reduction of biological productivity along the bypassed river channel; and, the disruption of 0.1 miles of natural river channel. (St. Paul District)
(170 pages)
COMMENTS MADE BY: EPA USDA DOT DOI HEW
state and local agencies
concerned citizens
(ELR ORDER # 61458)

Atlantic Intracoastal Waterway, S.C. 10/22

South Carolina Florida
The proposed action consists of dredging a 161-mile segment of the Atlantic Intracoastal Waterway (AIWW) between Port

Royal Sound in South Carolina and Cumberland Sound at the Georgia-Florida border. One million cubic yards of shoal material from 21 shoaling areas will be removed annually by hydraulic dredge and placed at disposal areas including 17 marshland sites, 2 diked areas, and 4 open water disposal areas. Adverse effects will include an increase in suspended solids and turbidity, reduction in benthic populations, and some displacement of wildlife at disposal sites. (Savannah District) (265 pages)
COMMENTS MADE BY: USDA DOC EPA HEW HUD DOT
state and local agencies
concerned citizens
(ELR ORDER # 61527)

Supplement — Date

Lower Columbia R. Bank Project (S-2) — 10/06

Oregon Washington
Proposed is the construction of 61,779 linear feet (approximately 12 miles) of bank protection works at 38 sites on the Columbia River, along channels in its flood plain, and on lower reaches of its major tributaries. Most of the works to be constructed under project authorization will be revetments of dumped stone (riprap) to protect existing levees from bank erosion. Adverse effects include loss of shoreline habitat for fish and wildlife, temporary erosion, and reduced access to river for recreation. (Portland District) (300 pages)
(ELR ORDER # 61463)

Colleton R., Dredging & Pier Construction (S-3) — 10/29

South Carolina
County: Beaufort
This statement supplements a final EIS filed with CEQ in December, 1974, and pertains to changes in plans of Chicago Bridge and Iron Co. for proposed use of certain lands at Victoria Bluff, Beaufort County, South Carolina. The changes are basically in 2 areas: a less restrictive definition of the products to be manufactured and a deletion of 308 acres from the buffer area indicated in the original permit. Negative impacts include clearing of pine-hardwood timber and the loss of habitat for small birds and mammals. (Charleston District) (67 pages)
(ELR ORDER # 61574)

DEPARTMENT OF DEFENSE

DEPARTMENT OF DEFENSE, Navy

Supplement	Date
Dredge R. Channel, USN Sub. Base, New London (S-2)	10/01

Connecticut
County: Suffolk
This statement supplements a final EIS filed in 1972. It describes continued dredging requirements of the Navy to insure the successful introduction of the new deep-draft SSN 688 class submarines at the USN Submarine Base, and also corrects deficiencies noted in the decision of the U.S. Circuit Court of Appeals in National Resources Defense Council et. al. v. Callaway et. al., dated September 9, 1975. Navy dredging requirements in support of the SSN 688 class submarines are projected over a ten-year period. (1800 pages)
(ELR ORDER # 61438)

ENERGY RESEARCH AND DEVELOPMENT ADMIN.

Contact: Mr. W. Herbert Pennington
Office of Assistant Administrator
E-201, ERDA
Washington, D.C. 20545
(301) 973-4241

Draft — Date

Portsmouth Gaseous Diffusion Plant Expansion — 10/15

Ohio
County: Pike
Proposed are the design and construction of an add-on gaseous diffusion plant at the Portsmouth Gaseous Diffusion Plant in Piketon, Ohio. Construction and operation of the 8.75 million separate work unit/year plant will be on land already owned by ERDA. The major impact associated with operation of the expansion facilities will be related to the offsite production of 3500 to 3700 megawatts of electrical power including reserves required to support the add-on plant. (800 pages)
(ELR ORDER # 61506)

Savannah R. Plant, Waste Management — 10/21

South Carolina
County: Aiken Barnwell
This statement assesses the environmental impact of continuing the ERDA's waste management operations at the Savannah River Plant (SRP), an approximately 300 sq. mile site, in South Carolina. Current operations consist of the treatment and storage or disposal of both radioactive and nonradioactive solid, liquid, gaseous and thermal effluents from nuclear reactors operated for the production of materials used in the U.S. defense effort, fuel reprocessing plants, and support facilities. Radiation exposure from potential accident situations is evaluated. (600 pages)
(ELR ORDER # 61526)

High Performance Fuel Lab, Hanford Reservation — 10/01

Washington
County: Benton
Proposed are the design and construction of a High Performance Fuel Laboratory (HPFL) at the ERDA Hanford Reservation in Richland, Washington. The HPFL will provide a pilot scale facility to support the liquid metal fast breeder reactor program. It will be used to develop and demonstrate safe and economic manufacturing processes for fuels comprising oxides of plutonium and uranium. The construction and operation of the HPFL facility will result in the irretrievable commitment of only moderate amounts of materials and supplies. (101 pages)
(ELR ORDER # 61440)

ENVIRONMENTAL PROTECTION AGENCY

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Room WSMW 537, 401 M Street, S.W.
Washington D.C. 20460
(202) 755-0780 (stop 460)

Draft — Date

Kraft Pulp Mills, Performance Standards — 10/05

This statement outlines standards of performance and monitoring requirements for new and modified kraft pulp mills, proposed under the authority of section III of the Clean Air Act. Emissions of particulate matter will be controlled in the recovery furnace, the smelt dissolving tank, and the lime kiln. Emissions of total reduced sulfur (TRS) will also be controlled in the aforementioned facilities as well as in the digester system, the brown stock washers, the multiple effect evaporators, and the black liquor oxidation system. Minor adverse impacts on water supply are expected. (386 pages)
(ELR ORDER # 61455)

Petrol Refinery Sulfur Plants, Standards — 10/12

This statement sets forth standards for new or modified sulfur recovery plants within petroleum refineries under section III of the Clean Air Act. Depending on the type of emission control system installed to comply with these standards, residual emissions released to the atmosphere will consist of sulfur dioxide (SO2) or reduced sulfur compounds, i.e. H2S, COS, and CS2. The standards, therefore, limit either the concentration of SO2, or the concentration of H2S and the total concentration of H2S, COS, and CS2, in the gases discharged into the atmosphere from new or modified refinery sulfur recovery plants. (210 pages)
(ELR ORDER # 61478)

Geo. Neal Steam Electric Gen. Sta., Neal Unit 4 — 10/06

Iowa
County: Woodbury
Proposed is the granting of a new source National Pollutant Discharge Elimination System to the Iowa Public Service Company of Sioux City, Iowa, for the operation of a 576 megawatt coal-fired steam-electric generating facility adjacent to the Missouri River. The station is located approximately 14 miles south of Sioux City, Iowa. The power plant will convert approximately 450 acres of agricultural land and wildlife habitat to industrial use. Combustion for power generation will result in the release of waste by-products into the atmosphere and heated discharge water into the Missiouri River. (Region VII) (400 pages)
(ELR ORDER # 61468)

Shell Chem. Co. Polypropylene Plant - Permit 10/26

Louisiana
County: St Charles
The proposed action is the issuance of a new source NPDES permit for discharge of plant effluent and stormwater from Shell Chemical Co.'s proposed polypropylene plant into Bayou Trepaquier, Louisiana. The proposed plant, located on a 64-acre site in Narco/Goodhope, will produce polypropylene pellets. An average of 680 gallons/minute of clarified water from the Mississippi R. will be used for cooling tower makeup, utility water, and wash systems for railroad cars and the polypropylene blender silos. Plant operation will result in emmissions of hydrocarbons, carbon monoxide, nitrogen oxides, and particulates. (201 pages)
(ELR ORDER # 61550)

Pittston Oil Refinery & Marine Terminal 10/22

Maine
Proposed is the granting of a National Pollutant Discharge Elimination System permit to the Pittston Co. of New York to discharge wastewater from their 250,000 barrel/day oil refinery and marine terminal at Eastport, Maine. The Pittston Company proposes to process crude oil, which will be delivered to the refinery on tankers up to 250,000 DWT. The proposed refinery's principal products will be low sulfur heating and industrial fuel oils. Gasoline production at the facility will be limited. (Region 1) (360 pages)
(ELR ORDER # 61546)

Cranston Wastewater Treatment Facilities 10/21

Rhode Island
County: Providence
The proposed action is the consolidation, improvement, and expansion of wastewater treatment facilities in Cranston, Rhode Island. Project plans call for the expansion of treatment plant capacity to 23.0 mgd, with secondary and ammonia removal capabilities. Incineration with on-site ash disposal will be the method of sludge disposal. Negative impacts include a small increase of total suspended particulates, sulfur dioxide and lead in the air, increased use of fuel for solid waste incineration, and loss of 7 sq. miles of forest and farm land. (Region I)
(226 pages)
(ELR ORDER # 61524)

Madison Organic Solids Reuse Plan 10/22

Wisconsin

County: Dane
Proposed is a plan to satisfy the sludge management needs of the Madison Metropolitan Sewerage District service area. The plan calls for abandoning the present system of lagoon disposal of liquid anaerobically digested sludge and adopting a system of land disposal of liquid anaerobically digested sludge on privately owned agricultural land. The program would involve marketing the sludge to farmers at their request. Adverse effects, including odor problems, are expected to be minimal. (Region V) (200 pages)
(ELR ORDER # 61545)

Final — Date

Evaporative Emissions Regs. - 1978 Vehicles — 10/14

The EPA is proposing to significantly reduce the evaporation of gasoline from the carburetors, gas tanks and other parts of new cars and light duty trucks by revision of the current evaporative emission regulations. The proposed new evaporative standards would reduce daily evaporative emissions from 1978 cars and light duty trucks by 65%. The proposed standards would thus reduce total oxidant forming hydrocarbons by an average of 8% in the year 1985. No adverse environmental impacts are expected. (91 pages)
COMMENTS MADE BY: DOC
Council on Wage and Price Stability
(ELR ORDER # 61497)

Supplement — Date

Lead-Deadwood Sanitary Facilities (S-2) — 10/01

South Dakota
This statement supplements a final EIS filed with CEQ in 1972. Proposed is the construction of an advanced waste treatment facility and interceptor collector system for the Lead and Deadwood areas in the Black Hills. The plant will consist of secondary treatment plus ammonia and chlorine removal, and will provide the sewage treatment facilities the town currently lacks. Sludge disposal will be by truck haul to a landfill area near the Black Hills. Adverse effects include leaching problems, minor odors, and a variety of construction related impacts (Region VII) (310 pages)
(ELR ORDER # 61436)

FEDERAL POWER COMMISSION

Contact: Dr. Jack M. Heinemann, Acting Asst. Director
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441 G Street, N.W.
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(202) 275-4791

Supplement	Date
United Gas Pipeline Co., Curtailment (S-1)	10/29

This statement supplements a final EIS filed with CEQ in May, 1976. The administrative action rises from the court implementation of a four priority permanent curtailment plan and a newly proposed plan submitted by United Gas Pipeline Co. Adverse effects resulting from curtailment include increased use of coal and oil with associated impacts, and increased air pollutants in the form of sulfur dioxide and particulates. (42 pages) (ELR ORDER # 61568)

GENERAL SERVICES ADMINISTRATION

Contact: Mr. Andrew E. Kauders
Executive Director of Environmental Affairs
General Services Administration
18th and F Streets, N.W.
Washington, D.C. 20405
(202) 343-4161

Final — Date

U.S. Courthouse, Madison — 10/20

Wisconsin
County: Dane
Proposed is the construction of a U.S. Courthouse in Madison, the County seat of Dane County and state capital of Wisconsin. This proposed building will house the U.S. Courts including the U.S. Attorney and U.S. Marshal, the Justice Department, and the General Service Administration. The building will contain approximate totals of 59,475 gross square feet and 35,000 occupiable square feet of space and have about 91 employees when fully staffed. Adverse effects are limited to those associated with ordinary activities. (130 pages)
COMMENTS MADE BY: AHP USA HEW HUD DOI EPA
state and local agencies
concerned citizens
(ELR ORDER # 61521)

DEPARTMENT OF HEW

Contact: Mr. Charles Custard
Acting Director, Office of Environmental Affairs
Office of the Assistant Secretary for Administrati
and Management
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Washington, D.C. 20202
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FOOD AND DRUG ADMINISTRATION

Final — Date

Plastic Bottles for Carbonated Beverages and Beer — 10/14

This statement covers the proposed use of plastic bottles for carbonated beverages and beer. The adverse impacts resulting from the introduction of plastic bottles into the market are increased littering, a hastened trend toward throwaway containers with consequent depletion of irreplaceable resources (notably fossil fuels), and a further burden on solid waste disposal. (86 pages)
COMMENTS MADE BY: EPA DOI USDA TREA DOC DOT
state and local agencies
concerned individuals
(ELR ORDER # 61500)

DEPARTMENT OF HUD

Contact: Mr. Richard H. Broun
Director, Office of Environmental
Quality
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451 7th Street, S.W.
Washington, D.C. 20410
(202) 755-6308

Draft — Date

Habitat Planned Development, Boulder — 10/18

Colorado
County: Boulder
The developers of Habitat, a Planned Unit Development in Boulder, Colorado, propose the development of 900 housing units on a 63 acre site. The developer has already constructed and rented 200 units of multifamily housing on 13 adjacent acres. The developers have applied to HUD/FHA for a feasibility analysis for Habitat under Title X of the National Housing Act. Effects of the project include an increased demand on the Boulder and Denver metropolitan region infrastructure, particularly the demand for water, sewer, solid waste, transportation, and energy use.
(170 pages)
(ELR ORDER # 61512)

Loring 100 Apts., Loring Park Dev. District — 10/18

Minnesota
County: Hennepin
This statement concerns a mortgage insurance application for the Loring 100 Apartment in Minneapolis, Minnesota. The 102-unit project will provide housing and a community/recreation facility for elderly persons. The Loring 100 project is part of the Loring Park Development, a 2000-unit planned urban redevelopment project. Major adverse impacts include the demolition of existing business and residential structures with attendant displacement of the indigenous population. The erection of tall and massive structures may result in shadow and wind effects.
(336 pages)
(ELR ORDER # 61515)

Anderson Mill Subdivision, Austin — 10/13

Texas
County: Travis
The proposed action is for the Department of Housing and Urban Development to accept for HUD/FHA home mortgage insurance purposes the 945-acre Anderson Mill Subdivision located about seven miles northwest of Austin, Texas, at the intersection of U.S. Highway 183 and State Ranch Road

620. This action would provide 2,475 single-family residential homes and 1,240 multifamily units to those families in the middle or above income bracket. No adverse impacts are anticipated. (30 pages)
(ELR ORDER # 61492)

Final — Date

Housing Assistance Payments Program — 10/18

The Section 8 Housing Assistance Payments Program provides for rent payment assistance to owners of residential properties on behalf of lower income families occupying newly constructed, substantially renovated, and existing housing. This statement addresses only the existing housing portion of the program. The program should increase freedom of choice for lower income families and provide improved housing conditions. It will not provide optimum housing quality, nor will the program have equal impact on all housing markets.
(25 pages)
COMMENTS MADE BY: DOI EPA
state and local agencies
concerned citizens
(ELR ORDER # 61509)

Harriman Park and Lakehurst West III — 10/21

Colorado
County: Jefferson
The developers of Harriman Park and Lakehurst West are proposing to build 1089 single family and 334 multi-family housing units in southeastern Jefferson County, Colorado. Both developers have requested a Federal Housing Adminstration feasibility analysis for mortgage insurance on single family units in the Subdivisions. Adverse effects include groundwater and erratic subsoils upon structural foundations, increased traffic upon existing roads, and increased demand upon health and social services.
(151 pages)
COMMENTS MADE BY: DOI COE HEW FEA DOT AHP USDA EPA
(ELR ORDER # 61523)

Bedford-Pine Urban Renewal Area — 10/14

Georgia
County: Fulton
The proposed project is a Neighborhood Development Program which consists of 278.7 acres of land in the eastern section of the City of Atlanta, located in Land Lots 46, 47, 50, and 51 of the Fourteenth District of Fulton County, Georgia. The primary remaining activity is the disposition of a 78 acre tract of land to be developed according to a Comprehensive Development Plan. When completed, there will be a clearance of 1,190 structures and

the rehabilitation of 238 structures. Adverse effects include the relocation of an unspecified number of businesses and homeowners. (808 pages)
COMMENTS MADE BY: USDA COE HEW DOI DOT EPA FPC GSA
state and local agencies
concerned citizens
(ELR ORDER # 61502)

Woodmere Subdivision, Marrero 10/06

Louisiana
County: Jefferson
The statement concerns the mortgage insurance application for the Woodmere Subdivision located near the City of Marrero on the west side of the Mississippi River. The project consists of 2,500 detached family dwellings and 1,600 multifamily housing units and when fully developed will house 12,000 persons. The major adverse impacts will be the destruction of the existing character of 856 acres of woodlands, swamps, and marshes and the elimination of the existing vegetation and its associated wildlife populations. Other impacts include increased energy usage, and increased solids and liquid waste disposal. (135 pages)
COMMENTS MADE BY: HEW AHP EPA DOT USDA COE DOI
state and local agencies
concerned citizens
(ELR ORDER # 61467)

Rochester SE Loop Urban Renewal #175 10/04

New York
County: Monroe
The proposed urban renewal project for the Rochester South East Loop area includes the demolition of structures, the provision of public improvements, and the institution of land use controls for the area. However, of the 3,100 residential units planned for the project, the NY Urban Development Corporation, now bankrupt, was committed to building over 2,000 , and thus far based on present commitments and completed structures, only 750 units will be completed. Serious adverse impacts could result from the non-completion of replacement housing for the demolished structures. (215 pages)
COMMENTS MADE BY: DOT DOI EPA
state and local agencies
concerned citizens
(ELR ORDER # 61451)

S.W. Mesquite Drainage Project 10/06

Texas
County: Dallas
This statement refers to a multi-purpose drainage project to serve the southwest Mesquite area. The project will occupy 30 acres and will have a storage capacity of 4.877

million cubic feet of urban run-off water generated from a drainage area of 418 acres based on 100 hours. Adverse impacts include increased construction noise, temporary disruption of the environment, and some inconvenience to citizens in the area. (270 pages)
COMMENTS MADE BY: USDA COE DOI EPA
state and local agencies
concerned citizens
(ELR ORDER # 61466)

Supplement — Date

Granada New Community, New York (S-1) — 10/18

New York
County: Wayne
As an approved Title VII new community, Granada New Community, N.Y., has become economically and programatically infeasible. This statement discusses the following proposed HUD actions: termination of its relationship with the Title VII project; acquisition and either immediate or subsequent resale of certain acreage, some of which has undergone site and infrastructure development; disposition of most of the remaining project land to its mortgagees and/or others; and consultation with the local governments to assist them in obtaining federal support that may be available. (31 pages)
(ELR ORDER # 61519)

Section 104(h)

Draft — Date

Union Community Water System — 10/04

Alabama
County: Greene
The proposed project consists of a water supply system designed to serve the most heavily populated and developed rural areas of north Greene County, Alabama. This project forms the core of the proposed Union-Snoddy-Mantua Water System. The proposed system calls for construction of mains of 6" and 3" in the rights-of-way of existing roadways. Also, various sized smaller lines are proposed for the distribution system, all to be located in road rights-of-way. A standpipe storage reservoir of approximately 100,000 gallons would be necessary for a two day supply with an allowance of 100% for growth. Few adverse effects are anticipated. (50 pages)
(ELR ORDER # 61452)

Jackson Co., Ark., Breckenridge-Union Water System — 10/27

Arkansas
County: Jackson

Proposed is the construction of the Breckenridge-Union Water System to provide potable water facilities for So. Jackson County, Arkansas. Plans call for the construction of a new well and water treatment plant, 2 75,000-gallon elevated storage tanks, and water distribution lines parallel to and across Hwys. 14, 17, 22 and 224. The communities of Erwin, Auvergne, Shoffner, Weldon, Island, and Tupelo will be served by the system. Adverse effects include soil movement, loss of crop land, and changes in characteristic landscape. (20 pages)
(ELR ORDER # 61560)

Carbondale, Illinois - Street Improvements 10/14

Illinois
Proposed are the widening and resurfacing of 6 streets in the Springmore area, Carbondale, Illinois. The project calls for reconstruction of curbs and gutters; improvement of base course and pavement surface material; construction of new 4-feet wide sidewalks, storm sewers, and culverts; and improvements in sanitary sewer and water line systems. Estimated costs of Bridge and Rigdon Street improvements are $990,300. Depending on the alternative selected, adverse impacts include removal of 97-246 trees, and loss of 3-5 acres of land surface to sidewalks and streets.
(549 pages)
(ELR ORDER # 61499)

Final Date

Baton Rouge, Lou. - Alsen/St. Irma Lee Sewage Sys. 10/18

Louisiana
County: East Baton Rouge
The purpose of the proposed project is to provide the Alsen-St. Irma Lee Area with a suitable method of collection and disposal of domestic waste. The proposed treatment facility will be of the Extended Aeration form of treatment. Initial construction is intended to provide treatment through the design year 1986, accomodating a projected population of 3500. No adverse long-term effects are anticipated.
(35 pages)
COMMENTS MADE BY: DOT COE EPA
state and local agencies
concerned citizens
(ELR ORDER # 61510)

Edenvale 11th Addition, Eden Prairie 10/04

Minnesota
County: Hennepin
Proposed is the provision by HUD of mortgage insurance for the Evansdale Planned Unit Development, located in north-central Eden Prairie, Minnesota. The 1,000-acre project

will consist of 4,000 units for single family homes and multifamily housing projects. Major adverse impacts are destruction of some wildlife, loss of agricultural land, and increased traffic congestion, air pollution and noise. (242 pages)
COMMENTS MADE BY: DOI GSA AHP COE EPA DOT
(ELR ORDER # 61446)

DEPARTMENT OF INTERIOR

Contact: Mr. Bruce Blanchard
Director, Environmental Project Review
Room 7260
Department of the Interior
Washington, D.C. 20240
(202) 343-3891

Bureau of Indian Affairs

Final — Date

Navajo Indian Irrigation Project — 10/12

New Mexico
County: San Juan
Proposed is the construction for the Navajo Tribe of Indians of a 110,630 acre irrigation project. The Navajo Tribe proposes to construct a related agribusiness complex near Farmington in northwestern New Mexico. Water for farming will come from the Navajo Reservoir on the San Juan River. Public services for the increased population can be provided without substantially increasing taxes, or other problems, only if "front end" financing is obtained and other proposed energy-producing projects are not developed concurrently. Social impacts of the proposed irrigation project alone will be manageable, but if experienced simultaneously, the effect will be considerable. (465 pages)
COMMENTS MADE BY: DOI USDA EPA COE
state and local agencies
concerned citizens
(ELR ORDER # 61482)

Bureau of Land Management

Draft — Date

1977 OCS Oil & Gas Lease Sale, N. Atlantic States — 10/12

Proposed is the leasing of 206 tracts (474,626 hectares) of OCS land offshore of southeastern New England. The tracts range in distance to shore from 47 to 206 miles and are situated in water depths from 36 to 270 meters. The major resultant adverse impact is the possibility of accidental or chronic oil spillage, which would seriously endanger the environment. In addition, 43 tracts present a particular risk to commercial fishing, pelagic birds or a combination of these resources. (1778 pages)
(ELR ORDER # 61490)

Sierra Pacific Power Co. - 230/345 kv Transmission — 10/15

Idaho Nevada
The proposed action is the construction of a 230/345 kv transmission line from Oreana, Nevada to Hunt, Idaho.

Depending on the route selected, total distance varies between 286 and 360 miles. The project includes construction of a substation and upgrading of two substations. Among negative impacts will be an increment of damage to soil on from 547 to 843 acres, disruption of land and aquatic wildlife habitat, and effects on the visual and recreation resource values of the area.
(289 pages)
(ELR ORDER # 61508)

Alunite Mine and Processing Plant 10/15

Utah
County: Beaver
Proposed is the development of an alunite mine and processing plant complex for the annual production of 500,000 tons of potassium sulfate fertilizer, up to 1.7 million tons of phosphate fertilizer, and up to 20,000 tons of aluminum fluoride. Major components of the project would include: an open pit mine and waste rock pile, and a processing plant complex including a 75-MW power plant, tailings ponds, and necessary support facilities. Adverse impacts include increased air pollution and alteration of wildlife systems on approximately 2,715 acres.
(362 pages)
(ELR ORDER # 61507)

Bureau of Outdoor Recreation

Final Date

Penobscot Wild and Scenic River 10/26

Maine
County: Penobscot Piscataquis Somerset
This statement concerns the recommendation that 295 miles of the East and West Branches of the Penobscot River be included in the National Wild and Scenic Rivers System. Land proteciton would be primarily accomplished through cooperative efforts of the State of Maine and private land owners in the area. No significant adverse impacts are expected. (172 pages)
COMMENTS MADE BY: USDA DOC AHP COE HUD DOI EPA FPC
state and local agencies
concerned citizens
(ELR ORDER # 61556)

Obed National Wild and Scenic River 10/22

Tennessee
County: Cumberland Pentress Morgan
The statement refers to the designation of 100 miles of the Obed River, Clear Creek, Daddys Creek, and the Emory River in Cumberland, Pentress, and Morgan Counties as components of the National Wild and Scenic River

System. A corridor averaging 1,300 feet in width totaling 15,644 acres is proposed for control by fee acquisition, assessment, and intergovernmental agreement. Adverse impacts would be felt from the removal from the market of 4,364 acres of timber, 400 acres of cropland and pastureland, and 950,000 tons of coal. (387 pages)
COMMENTS MADE BY: AHP AEC DOC DOI DOT EPA FPC TVA
state and local agencies
concerned citizens
(ELR ORDER # 61529)

Bureau of Reclamation

Draft	Date
Missouri R. Reservoirs, Water for Energy	10/08

This statement proposes to make available for energy related industrial purposes up to 1.0 million acre feet of water annually from mainstem Missouri River reservoirs. The anticipated areas of water use include eastern Montana, western North Dakota, parts of western and central South Dakota, and northeastern Wyoming. Water service contracts would be issued for 40 years or less, with water delivery terminating no later than the year 2035. Impacts caused by the depletion of 1 million acre-feet of water on the mainstem are insignificant and can be minimized by modifications of existing reservoir operations. (433 pages)
(ELR ORDER # 61471)

Kanopolis Unit, Smoky Hill Division 10/12

Kansas
County: Ellsworth
The proposed project involves increasing the conservation capacity of the existing Kanopolis Lake in Ellsworth County to provide a water supply to meet municipal and industrial needs of Salina, future unspecified demands of the State of Kansas, provide fishery flows in the Smoky Hill River, and irrigate 20,000 acres of farmlands. The existing outlet works would be modified and a diversion structure would be constructed in the existing stilling basin. Irrigation facilities would include open canals, lateral ditches, pipe laterals, canalside pumps, surface and subsurface drains, and drainage wells. Extensive land use changes will result. (240 pages)
(ELR ORDER # 61489)

Geological Survey

Draft	Date
E. Decker & No. Extension Mines, Decker Coal Co.	10/13

Montana
County: Big Horn
The proposed action is the surface-mining and reclamation of the East Decker and North Extension mines in Big Horn County, Montana. The Decker Coal Co. plans to open a new mine with plant and loading facilities to remove 180 million tons of low-sulfur coal from a 3500-acre area over the next 20 years. The relocation of short sections of a PAS highway and a county road will be necessary. The mining activity will result in the removal of shallow aquifers, allowing for leaching of soils and erosion; alteration of soil mixtures on 4,000-5,000 acres; reduction in air quality; and loss of 6,300 acres of grazing land.
(1324 pages)
(ELR ORDER # 61491)

INTERSTATE COMMERCE COMMISSION

Contact: Mr. Richard Chais
Supervisory Attorney Advisor for
the Environmental Staff
Room 2370
12th St. and Constitution Ave., NW
(202) 343-2086

Draft — Date

Cross Lake Michigan Ferry, Abandonment — 10/13

Michigan Wisconsin
Proposed is the abandonment of the Chesapeake and Ohio RR Co.'s car ferry service between Ludington, Michigan and Kewannee, Manitowoc, and Milwaukee, Wisconsin. Authority is also requested to abandon yard and terminal track and associated structures in Ludington. The Grand Trunk Western RR Co. also proposes to abandon its car ferry operation from Muskegon, Mich. to Milwaukee, as well as its facilities in Milwaukee. If the abandonments are authorized and the subsidies discontinued, all Lake Michigan car ferry service may be terminated. Loss of car ferry related employment and earnings will adversely affect the harbor communities. (184 pages)
(ELR ORDER # 61493)

Norfolk, Neb.-Winner, S.D. Rail Abandonment — 10/13

Nebraska South Dakota
Proposed is the abandonment and complete dismantling of the Chicago and North Western Transportation Co.'s Winner Branch between Norfolk, Nebraska and Winner, South Dakota, a distance of approximately 172.4 miles. Authorization of the abandonment would result in the elimination of direct rail service to 22 agrarian communities in the Midwest. Freight hauled by the line consists of predominantly grain, fertilizers, and other agrarian products which would be diverted to motor carrier transportation and hauled over the area's highway network. Loss of rail service would disadvantage potential rural and community development. (106 pages)
(ELR ORDER # 61494)

TENNESSEE VALLEY AUTHORITY

Contact: Dr. Peter Krenkel
Director of Environmental Planning
720 Edney Building
Chattanooga, Tennessee 37401
(615) 755-2002

Final — Date

Policies Relating to Electric Power Rates — 10/04

This statement discusses TVA's policies relating to the setting of electric power rates in effect throughout the Tennessee valley region and parts of Alabama, Georgia, Kentucky, Mississippi, North Carolina, and Virginia. TVA proposes to continue to follow its basic long-run policies of providing an ample supply of electric power at rates which reflect as nearly as practicable the price of providing power to each class of consumers. The statement indicates no adverse environmental effects.
(600 pages)
COMMENTS MADE BY: HUD DOT FEA DOI ERDA EPA COE
state and local agencies
concerned citizens
(ELR ORDER # 61448)

DEPARTMENT OF TRANSPORTATION

Contact: Mr. Martin Convisser, Director
Office of Environmental Affairs
U.S. Department of Transportation
400 7th Street, S.W.
Washington, D.C. 20590
(202) 426-4357

Federal Aviation Administration

Draft — Date

Ontario International Airport, Cal. — 10/18

California
County: San Bernardino
Proposed is the development and expansion of Ontario International Airport, Ontario, California. The project calls for construction of a new 10200' X 150' parallel runway, extension of the existing runway 2,200 feet, construction of new taxiways, installation of landing lights and navigational devices, and development of other support facilities. Negative effects include increased energy consumption as well as noise, air quality, and ground traffic impacts. (626 pages)
(ELR ORDER # 61517)

Wm. B. Hartsfield Atlanta International Airport — 10/07

Georgia
Proposed is the construction of a new central air passenger terminal complex at William B. Hartsfield Atlanta International Airport, in Atlanta, Georgia. The new facilities will be located between the existing 3 east-west parallel runways and will include aircraft parking area, taxiways, terminal buildings, and access roadways. Although a temporary increase in stream sedimentation will occur, no major environmental impacts are expected to result from the project. (108 pages)
(ELR ORDER # 61469)

Ocean City Airport Expansion, Md. — 10/18

Maryland
County: Worcester
Proposed is the expansion of the existing aviation airport in Ocean City, Maryland. The project consists of acquisition of 154 acres of land; construction of a new 3200' X 75' runway, a 1000' X 75' extension to the existing runway, taxiways, and an apron expansion; relocation of a portion of S.R. 611; closing of the existing roadway; and improvement of alternate access to a trailer park. Implementation of the plan will result in the relocation of 4 homes and 50 trailers and the clearing of 124 acres of oak-pine forest. (85 pages)
(ELR ORDER # 61514)

Federal Highway Administration

Draft — Date

Section 31 Gravel Extraction, Anchorage — 10/12

Alaska
Proposed is the extraction of gravel from portions of Government Lots 2 and 3; the NE quarter of the SW quarter; and the NW quarter of the SE quarter of Section 31, T. 13N., R. 2W. of the Seward Meridian; lands owned in fee by the Department of the Army within the Fort Richardson Military Reservation. The purpose of this action is to provide approximately 1.5 million cubic yards of suitable road building material for three Federal Aid Highway Projects in the Anchorage Urban Area: Muldoon Road, Northern Lights Blvd., and DeBarr Rd. Adverse effects include the temporary loss of 70 acres of natural habitat. (Region 10) (105 pages)
(ELR ORDER # 61474)

Long Beach Freeway (CA-7), Route 10 - Route 210 — 10/04

California
County: Los Angeles
The proposed project consists of that portion of the Long Beach Freeway, Route 7, from the San Bernardino Freeway, Interstate Route 10, to the Foothill Freeway, Interstate Route 210, and includes an interchange with the existing Pasadena Freeway, Route 11. The project passes through the Cities of Alhambra, Los Angeles, South Pasadena and Pasadena . As proposed, the project would be a controlled access highway or freeway approximately 6.1 to 7.3 miles in length, subject to the corridor and the variation. Adverse effects include loss of 4,670 to 5.560 residents, commitment of 279-418 acres of land, and removal of 7,000-9,100 mature trees. (Region 9) (555 pages)
(ELR ORDER # 61443)

I-76, I-25 - Wadsworth Blvd./I-70 Junction — 10/26

Colorado
County: Adams Denver Jefferson
Proposed is the construction of a segment of I-76 to connect with I-70 at Wadsworth Boulevard in Denver, Colorado. The 5.6-mile project consists of a 6-lane bypass freeway, extending from I-25 westward to the junction of Wadsworth Boulevard and I-70. Completion of the highway requires acquisition of approximately 338 acres of land and will result in the displacement of 110 residents or businesses. (Region 8) (116 pages)
(ELR ORDER # 61552)

S.E. Extension of S.R. 9-A, I-95/295 to Jacksonville 10/14

Florida
County: Dade
Proposed is the construction of an eastern bypass around the city of Jacksonville, Florida. The multi-lane, high speed, limited access facility will begin at the south I-95/I-295 Interchange and proceed northerly to the St. John River, terminating at the I-95/I-295 Interchange north of Jacksonville. The project also includes plans for a high-level bridge. Depending on the alternate corridor selected, project length will be from 23.5 to 28.9 miles. Adverse effects include relocation of homes and businesses, loss of forest resources, filling of wetlands, and alteration of wildlife habitat. (190 pages)
(ELR ORDER # 61495)

I-65 to I-70 Distributor Route, Indianapolis 10/12

Indiana
County: Marion
Proposed is the provision of an improved distributor route to accomodate north-south traffic exiting from I-65 on the north and I-70 on the south within a corridor bordering the west edge of the Indianapolis central business district. It is also proposed to divert east-west through traffic off Washington Street (U.S. 40) within the central business district. All alternates under consideration will be constructed at-grade and the 2.08-mile north-south alternate improvements will provide 6 to 8 lanes of capacity compared to the existing 4 lanes. Adverse effects include displacement of 12 to 30 housing structures. (175 pages)
(ELR ORDER # 61480)

U.S. 27 and KY-151, So. RR Bridge to Alton 10/05

Kentucky
County: Anderson Franklin
Proposed is a replacement for the existing road from the Southern Railroad Bridge, northwest of Lawrenceburg, to U.S. 127, east of Alton, Kentucky. The 2-lane (ultimately 4-lane) roadway will extend from the bridge to I-64 at the KY-151 interchange, a distance of 6.9 miles, and then to U.S. 127 one mile from Alton, a distance of 1.75 miles. A grade separated interchange at the route junction and a 40 feet depressed grass median are included in the project. Negative impacts include removal of one business, eight residences, and four farm buildings, and obtaining of sixty-six right-of-way parcels. (Region 4) (101 pages)
(ELR ORDER # 61462)

S.R. 41, Willard to Estancia, New Mexico 10/19

New Mexico
County: Torrance

The proposed action consists of relocating 11.5 miles of New Mexico State Route 41 from its present alignment to the former AT & SF railroad right-of-way between Willard and Estancia, New Mexico. The project calls for construction of a two lane rural with a four lane urban section through Estancia. Provisions are also included for improved drainage for Fifth Street in Estancia. Some noise and air pollution will result from construction activity. (Region 6) (24 pages)
(ELR ORDER # 61520)

U.S. 25, I-40 to Blue Ridge Parkway 10/18

North Carolina
County: Buncombe
The proposed action is the improvement of the capacity and level of service provided by U.S. 25 between I-40 and Blue Ridge Parkway in Asheville, North Carolina. The project consists of widening a 2.9-mile segment from 2 and 4 lanes to a 5-lane cross section. Depending on the alternative selected, between 32 and 83 land uses will be exposed to noise levels of 70 decibels or more. Other negative impacts include loss of trees and the displacement of up to 23 residences and 24 businesses. (Region 4) (140 pages)
(ELR ORDER # 61513)

Ohio Route 315, Ackerman Rd. - I-270 10/18

Ohio
County: Franklin
The proposed action is the construction of 4.87 miles of freeway in two sections, one of 2.34 miles and another of 2.53 miles. These sections will be the final links in a freeway facility connecting the Columbus Innerbelt (I.R. 670) at the Goodale Interchange with the Outerbelt (I.R. 270); the other sections are already completed and open to traffic. The total length of the finished Olentangy Freeway from the Innerbelt to its northern terminus will be 10.54 miles. Adverse effects include the taking of 63 residences, one business, and one church, and the loss of 230 acres of wildlife habitat. (Region 5) (190 pages)
(ELR ORDER # 61511)

S.C. 703, Center St. to Jasper Boulevard 10/18

South Carolina
County: Charleston
The proposed action entails widening a section of S.C. 703 in Charleston County, from near Center St. in the town of Mt. Pleasant to Jasper Boulevard on Sullivan's Island. Plans also include construction of a two-lane high level fixed span bridge over the Intracoastal Waterway parallel to the existing bridge. The major negative impact will be the loss of an area of marshland on both sides of the Intracoastal Waterway. (51 pages)
(ELR ORDER # 61516)

Texas I-40, U.S. 83 to Alanreed 10/22

Texas
County: Wheeler Gray
Proposed is the completion of I-40 in Wheeler and Gray Counties between U.S. 83 in Shamrock west to 0.25 mile west of the west city limits of Alanreed. That portion of I-40 in Wheeler County has been completed; therefore, this project would construct the 12-mile section of controlled-access four-lane divided highway in Gray County requiring over 450 acres of right-of-way. Adverse effects include the displacement of three to twenty families and two to three businesses. (Region 6) (240 pages)
(ELR ORDER # 61530)

Final Date

March Lane Expressway, El Dorado St. to West La. 10/04

California
County: San Joaquin
This project proposes the ultimate construction of a full four-lane divided expressway which will be an integral part of a tie between I-5 and S.H. 99. The initial construction would be limited to 2 lanes between El Dorado Street and West Lane in the area of Stockton, California. The 0.88-mile segment will extend March Lane Expressway eastward to I-5 and S.H. 99. Adverse effects will be an increase in sound levels and an injection of additional air pollutants into the area adjacent to the roadway.
(Region 9) (102 pages)
COMMENTS MADE BY: EPA DOT DOI HEW USDA
state and local agencies
concerned citizens
(ELR ORDER # 61449)

U.S. 460 (Ill. Rt. 15, FA 821), 24th St. - 13th St 10/12

Illinois
County: Jefferson
The project provides for the improvement of US Route 460, an east-west area service highway in Mt. Vernon. It involves the widening of the road to 56 feet with two lanes of traffic in each direction, and the construction of a pedestrian overpass. The 3,850-foot segment will run from 24th to 13th Street and will require the acquisition of from 1.4 to 2.3 acres. Construction of the selected alignment will result in displacement of 2 houses, one church, and 5 businesses, and increased noise levels.
(Region 5) (95 pages)
COMMENTS MADE BY: DOI EPA HEW USDA DOT
state and local agencies
(ELR ORDER # 61481)

Final Date

Grove Street: Lewis to Elm, Sedgwick County 10/07

Kansas
County: Sedgwick
Proposed is the construction of a divided four-lane arterial in Wichita, Sedgwick County, Kansas. The project consists of an improvement of Grove Street from Lewis Street north to Elm Street, a distance of approximately 1.1 miles. Adverse effects include the acquisition of from 70 to 145 dwelling units and from 10 to 14 businesses, depending on the alternate chosen. Project implementation would also result in increased noise levels, and the removal of a number of mature trees. (Region 7) (158 pages)
COMMENTS MADE BY: USDA OEO EPA DOI USCG
state and local agencies
concerned citizens
(ELR ORDER # 61470)

Kansas Hwy 177 and Kansas Hwy 18, Manhattan 10/12

Kansas
County: Riley
Proposed is a 4-lane express highway southeast of Manhattan, Kansas. The 2.7 mile project consists of right of way acquisition, grading, surfacing, and construction of a new bridge over the Kansas River. Depending on the design alternative selected, 80-91 people will be displaced and 48-74 acres of land will be diverted to highway use. Earthwork borrow obtained from sources outside the right of way may cause increased air and water pollution. (Region 7) (300 pages)
COMMENTS MADE BY: USDA EPA HUD DOT USCG COE
state and local agencies
concerned citizens
(ELR ORDER # 61475)

McLean Blvd., MacArthur Rd.- 31st St. So.-29th St. 10/12

Kansas
County: Sedgwick
Proposed is the construction of an extension of McLean Boulevard from MacArthur Road to 29th Street in Wichita, Kansas. The facility will be four lanes with signals, channelization, and auxiliary lanes where required. One residence will be displaced and between 0 and 10 acres will be acquired depending on the alternative selected. Temporary increases in noise, air, and water pollution will result from construction. (Region 7) (148 pages)
COMMENTS MADE BY: USDA HEW EPA DOC USCG COE EDA HUD DOI AHP
state and local agencies
concerned citizens
(ELR ORDER # 61484)

Final Date

Maryland Rte. 210, Old Fort Rd. to Rte. 227 10/22

Maryland
County: Prince Georges Charles
The proposed project is the improvement and dualization of Maryland Route 210. The project will begin at Old Fort Road and terminate 1.1 mile north of Maryland Rte. 227, a total distance of 6.8 miles. The facility will require a bridge structure to cross Piscataway Creek. Negative impacts include displacement of 2 families and 2 businesses, increases in noise levels, and disturbance of wildlife habitat along the route. (Region 3) (150 pages)
COMMENTS MADE BY: DOI HEW EPA USDA COE
state and local agencies
concerned citizens
(ELR ORDER # 61533)

I-69, Charlotte to I-96 & I-96 N.W. of Lansing 10/12

Michigan
County: Eaton Clinton
Proposed is the construction of I-96, Charlotte to I-96 and I-96 Northwest of Lansing in Eaton County, Michigan. The project will begin at the Temporary I-69/US-27 and US-27BR intersection in Charlotte and extend to I-96 southwest of Lansing, a total of 16.3 miles. An additional 2 lanes on I-96 will be constructed from the I-96/I-496 interchange northerly for 3 miles. Negative impacts include loss of agricultural land, displacement of families, residential dwellings and other structures, and a decrease in groundwater quality. (Region 5) (361 pages)
COMMENTS MADE BY: DOT DOI COE USDA EPA DOC
state and local agencies
concerned citizens
(ELR ORDER # 61477)

U.S. Highway 6 - 114th St. to 156th St., Nebraska 10/06

Nebraska
County: Douglas
Proposed is the reconstruction of West Dodge Road, a 4.1-mile segment of U.S. Highway 6 in Omaha. The project begins at the intersection of 114th St. and West Dodge Road and proceeds westerly, terminating 3,250 feet west of the intersection of West Dodge Road and 156th Street. The 4-lane divided highway will have curbed shoulders, and interchanges at the intersection of West Dodge and 120th, 132nd, and 156th Streets. Approximately 30 acres of right of way will be required for construction, as well as acquisition of 4 homes, 3 service stations, 3 motels, 6 mobile homes, 1 cafe and 3 businesses. Increases in air and noise pollution are expected. (Region 7) (110 pages)
COMMENTS MADE BY: DOT COE USDA HUD DOI EPA
(ELR ORDER # 61464)

US 6 and 34, and Junction with Nebraska 23 10/20

Nebraska
County: Phelps
The proposed roadway improvement consists of the upgrading and reconstruction of a 2.5-mile segment of U.S. 6 and 34 and the revision of the junction of this highway and Nebraska Highway N-23. The project includes pavement removal, grading, construction of shoulders, constructing drainage structures, surfacing, and construction of curbs, medians, sidewalks, driveways, a storm sewer, and lighting systems. Adverse impacts include the acquisition of approximately 8 acres of land, the relocation of 6 businesses, increased noise and air pollution, and construction disruption. (Region 7) (60 pages)
COMMENTS MADE BY: DOT EPA DOI
(ELR ORDER # 61522)

I-205, Lewis & Clark Hwy. to S.E. Foster Rd. 10/14

Oregon
County: Multnomah
The statement considers the proposed construction of a 9.2 mile connecting link of I-205 between the Lewis and Clark Highway in Vancouver, Washington, southward to S.E. Foster Road in Portland. The project includes 2 bridges and a fill to cross Columbia River. The freeway will have an adverse effect on the community character of the City of Maywood park, will bisect several residential areas, and will result in the displacement of 38 families and 13 businesses. (475 pages)
COMMENTS MADE BY: USDA COE DOC DOI EPA
state and local agencies
concerned individuals
(ELR ORDER # 61496)

I-82/182, Prosser, Was. to I-80N, Ore. 10/26

Washington Oregon
County: several
Proposed is the construction of a new Interstate highway facility (I-82) from Prosser, Washington to I-80N in northern Oregon. The project includes a spur facility (I-182) connecting I-82 to the Tri-Cities (Pasco-Kennewick-Richland) and S.R. 395 in Washington. The 10.5-mile highway segment in Umatilla Co., Oregon will be the final link of I-82 connecting I-90 in Washington with I-80N in Oregon. Negative impacts will be displacement of 90 homes, 63 mobile homes, 124 apartment units, 1 motel, and 2 businesses; and loss of 120 acres of wildlife habitat. A 4(f) statement is included for McNary Wildlife Park, Umatilla, Oregon.
(518 pages)
COMMENTS MADE BY: COE USDA EPA DOI HUD USCG

state and local agencies
concerned citizens
(ELR ORDER # 61559)

Milwaukee Stadium Freeway, I-894 to I-94 10/12

Wisconsin
County: Milwaukee
The statement proposes construction of FAP Route 3, a 5-mile portion of the Milwaukee County Expressway System in Wisconsin. The recommended plan consists of a 6-lane freeway and interchange on the East-West Freeway (I-94) extending to the existing Greenfield interchange on the Airport Freeway. The major adverse impacts will be the displacement of existing residential, commercial, industrial and park development. A 4(f) statement is included for the Hillcrest and Manitoba School sites, the Jackson Park/Kinnickinnic Parkway, and the Milwaukee County Stadium. (Region 5) (621 pages)
COMMENTS MADE BY: HUD DOI EPA HEW DOC COE DOT
state and local agencies
concerned citizens
(FLR ORDER # 61476)

Supplement Date

S.T.H. 23, Jct. C.S.A.H. 24-Jct. S.T.H. 212 10/06

Minnesota
County: several
This statement supplements a final EIS filed with CEQ in August, 1972. The proposed action is the improvement of a 33-mile segment of Minnesota State Highway 23 from Cottonwood to Clara City. The supplement indicates the need for channel changes on four crossing areas of Hazel Creek and the Yellow Medicine River in order to increase hydraulic efficiency, reduce streambank and erosion, and reduce construction costs. The Yellow Medicine River channel change will isolate 1-2 acres of flood plain cropland without access. (Region 5) (28 pages)
(ELR ORDER # 61465)

Urban Mass Transportation Administration

Supplement Date

Metro A Route, Shady Grove - Rockville (S-1) 10/28

Maryland
County: Montgomery
This supplemental EIS documents the environmental impacts of proposed changes to the Washington Metro System in Washington, D.C. Proposed changes to Metro Route A include the following: elimination of the terminal station and service and inspection facility at Rockville, Md.;

extension of Route A to Shady Grove, Md.(2.66 miles of at-grade track); and addition of terminal station and service and inspection yard at Shady Grove, Maryland. Adverse effects include transformation from a rural to an industrial landscape which will involve clearing, regrading, building, and paving on a 70-acre tract in the headwaters of Crabbs Branch. (375 pages)
(ELR ORDER # 61565)

U.S.Coast Guard

Contact: Captain Sidney A. Wallace
Commandant (G-WEP/3)
U.S. Coast Guard
Washington, D.C. 20590
(202) 426-2010

Draft | Date

Greater New Orleans Miss. R. Bridge No. 2 | 10/22

Louisiana
County: Orleans Jefferson
The proposed action is to construct a new bridge and approaches across the Mississippi River in New Orleans. The new bridge will be located parallel to and 400 feet downstream of the existing Greater New Orleans Bridge. The new structure will be a three-span, cantilevered through truss bridge very similar in appearance and construction to the existing Great New Orleans Bridge. Spans of approximately 853 feet, 1,575 feet, and 591 feet are proposed for the main structure. Two properties on the National Register of Historic Places will be adversely affected. (700 pages)
(ELR ORDER # 61534)

NUCLEAR REGULATORY COMMISSION

Contact: Mr. Benard Rersche, Director of Division
of Reactor Licensing
P-722, NRC
Washington, D.C. 20555
(301) 492-7373

Draft Date

Floating & Land-Based Nuclear Plants, Comparative 10/08

This statement relates to a final EIS filed in September, 1976, and covers, on a generic basis, the comparative risks and consequences between floating nuclear plants and land-based nuclear plants associated with the accidental release of radioactive material to the aqueous environment. The statement principally assesses radiation dose to man and fish, and long-term effects, such as genetic effects and undesirable modifications of ecosystems. Consequences to man are calculated in terms of radiation dose from each pathway, including drinking water, fish consumption, swimming, and beach use. (187 pages)
(ELR ORDER # 61472)

Atlantic Generating Sta., Units 1 & 2 (2) 10/21

New Jersey
County: Atlantic Ocean
This revised EIS differs from the original draft published in April, 1976, only to the extent that applicable results of the Draft Liquid Pathway Generic Study have been incorporated into Section 7 and the Summary and Conclusions of this revised statement. The proposed action is the issuance of a construction permit to Public Service Electric & Gas Co. for the construction of the Atlantic Generating Station, Units 1 & 2. This is the first nuclear power station in the U.S. proposed for construction in the offshore waters on the continental shelf; it would be located 2.8 miles offshore of Atlantic and Ocean Counties,N.J.
(250 pages)
(ELR ORDER # 61525)

Wm. H. Zimmer Nuclear Power Station 10/15

Ohio
County: Clermont
Proposed is the issuance of a license to the Cincinnati Gas and Electric Co., the Columbus and Southern Ohio Electric Co., and the Dayton Power and Light Co. for the

startup and operation of the Wm. H. Zimmer Nuclear Power Station located on the Ohio River, 24 miles southeast of Cincinnati. The plant will employ a boiling water reactor to produce up to 2436 MWt of electrical power capacity. A steam turbine-generator will use this heat to provide up to 840 MWe of electrical power capacity. Exhaust steam will be condensed by water circulated through a natural-draft cooling tower. (200 pages)
(ELR ORDER # 61505)

Summary of 102 Statements Filed with the CEQ Through

10/31/76 (By Agency)

Agency	Draft 102's for actions on which no final 102's have yet been received	Final 102's on legislation and actions	Supplements	Total actions on which draft or final statements have been received
Agriculture, Department of	174	760	0	934
Appalachian Regional Commission	1	0	0	1
Architect of the Capitol	0	1	0	1
Atomic Energy Commission	42	144	0	186
Canal Zone Government	0	1	0	1
Civil Aeronautics Board	0	1	0	1
Commerce, Department of	39	51	0	90
Defense, Department of	7	8	1	16
Air Force	15	21	2	38
Army	0	26	0	26
Army Corps of Engineers	555	1062	11	1628
Navy	14	38	0	52
Deleware River Basin Commission	2	8	0	10
Energy Policy Office	0	1	0	1
Energy Research & Development Admin.	6	8	0	14
Environmental Protection Agency	46	95	1	142
Federal Energy Administration	11	2	0	13
Federal Maritime Commission	3	0	0	3
Federal Power Commission	81	67	3	151
Federal Trade Commission	1	0	0	1
General Services Administration	17	105	1	123
HEW, Department of	3	18	0	21
HUD, Department of	51	218	2	271
Interior, Department of	159	369	3	531
International Boundary and Water Commission -- U.S. and Mexico	1	9	0	10
Interstate Commerce Commission	12	9	0	21
Justice, Department of	2	3	0	5
Labor, Department of	4	3	0	7
National Aeronautics and Space Adm.	10	24	1	35
National Capitol Planning Comm.	5	8	0	13
National Science Foundation	0	7	0	7
New England River Basins Commission	3	0	0	3
Nuclear Regulatory Commission	12	34	4	50
Office of Science and Technology	0	1	0	1
Ohio River Basin Commission	1	0	0	1
Pacific Northwest River Basins Comm.	3	0	0	3
Pennsylvania Ave. Devel. Corp.	0	1	0	1
Souris-Red-Rainy River Basins Comm.	1	0	0	1
State Department	4	5	0	9
Tennessee Valley Authority	7	28	0	35
Transportation, Department of	1026	2208	10	3244
Treasury, Department of	4	7	0	11
Upper Mississippi River Basin Comm.	1	0	0	1
U.S. Postal Service	5	1	0	6
U.S. Water Resources Council	7	9	0	16
Veterans Administration	2	9	0	11
TOTALS	2337	5370	39	7746

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF THE
ADMINISTRATOR

AVAILABILITY OF ENVIRONMENTAL PROTECTION AGENCY COMMENTS ON ENVIRONMENTAL IMPACT STATEMENTS AND OTHER ACTIONS IMPACTING THE ENVIRONMENT

Pursuant to the requirements of section 102(2)(C) of the National Environmental Policy Act of 1969, and section 309 of the Clean Air Act, as amended, the Environmental Protection Agency (EPA) has reviewed and commented in writing on Federal agency actions impacting the environment contained in the following appendices during the period of September 1, 1976 and September 30, 1976.

Appendix I contains a listing of the draft environmental impact statements reviewed and commented upon in writing during this review period. The list includes the Federal agency responsible for the statement, the number and title of the statement, the classification of the nature of EPA's comments as defined in Appendix II, and the EPA source for copies of the comments as set forth in Appendix VI.

Appendix II contains the definitions of the classification of EPA's comments on the draft environmental impact statements as set forth in Appendix I.

Appendix III contains a listing of final environmental impact statements reviewed and commented upon in writing during this review period. The listing includes the Federal agency responsible for the statement, the number and title of the statement, a summary of the nature of EPA's comments, and the EPA source for copies of the comments as set forth in Appendix VI.

Appendix IV contains a listing of final environmental impact statements reviewed and not commented upon by EPA during this review period. The listing includes the Federal agency responsible for the statement, the number and title of the statement, and the source of the EPA review as set forth in Appendix VI.

Appendix V contains a listing of proposed Federal agencies' regulations, legislation proposed by Federal agencies, and any other proposed actions reviewed and commented upon in writing pursuant to section 309(a) of the

Clean Air Act, as amended, during the referenced reviwing period. The listing includes the Federal agency responsible for the proposed action, the title of the action, a summary of the nature of EPA's comments, and the source for copies of the comments as set forth in Appendix VI.

Appendix VI contains a listing of the names and addresses of the sources of EPA reviews and comments listed in Appendices I, III, IV, and V.

Copies of the EPA Manual setting forth the policies and procedures for EPA's review of agency actions and EPA comments referenced herein may be obtained by writing the Public Information Reference Unit, (PM-213), Environmental Protection Agency, Room 2922, Waterside Mall, SW, Washington, DC 20460, telephone 202/755-2808. Copies of the draft and final environmental impact statements referenced herein are available from the originating Federal department or agency.

for Rebecca W. Hanmer
Director
Office of Federal Activities

Dated: 12 NOV 1976

APPENDIX I

DRAFT ENVIRONMENTAL IMPACT STATEMENTS FOR WHICH COMMENTS WERE ISSUED BETWEEN

SEPTEMBER 1, 1976 AND SEPTEMBER 30, 1976

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
CORPS OF ENGINEERS			
D-COE-C32007-NY:	NEWTON CREEK, NAVIGATION PROJECT, NEW YORK	EU2	C
D-COE-E32018-NC:	MAINTENANCE OF WILMINGTON HARBOR, BRUNSWICK AND NEW HANOVER COUNTIES, NORTH CAROLINA	ER2	E
D-COE-E34006-NC:	RANDLEMAN LAKE, DEEP RIVER, CONSTRUCTION AND OPERATION, GUILFORD AND RANDOLPH COUNTIES, NORTH CAROLINA	ER2	E
D-COE-E36040-NC:	BLACK RIVER FLOOD CONTROL PROJECT, HARNETT COUNTY, NORTH CAROLINA	ER2	E
D-COE-F07004-OH:	KILLEN ELECTRIC GENERATING STATION, UNITS 1 AND 2, ADAMS COUNTY, OHIO	ER2	F
D-COE-F32044-MI:	HURON BAY HARBOR, MITIGATION OF SHORE DAMAGE, FEDERAL NAVIGATION STRUCTURES, MICHIGAN	LO1	F
D-COE-G07009-AR:	WHITE BLUFF STEAM ELECTRIC GENERATING STATION, JEFFERSON COUNTY, ARKANSAS	LO2	G
D-COE-H34012-KS:	KANOPOLIS LAKE, OPERATION AND MAINTENANCE, ELLSWORTH, MCPHERSON AND SALINE COUNTIES, KANSAS	ER2	H
D-COE-K32012-HI:	LAHAINA SMALL BOAT HARBOR, LAHAINA, MAUI COUNTY, HAWAII	ER2	J
D-COE-L36042-OR:	IMPROVEMENTS TO NAVIGATION, BONNEVILLE LOCK AND DAM, OREGON	ER2	K
DEPARTMENT OF AGRICULTURE			
D-AFS-B61006-00:	EVANS NOTCH UNIT PLAN, WHITE MOUNTAIN NATIONAL FOREST, NEW HAMPSHIRE AND MAINE	LO1	B
D-AFS-G65015-NM:	GEOTHERMAL LEASING, SANTA FE NATIONAL FOREST, JEMEZ CALDERA, RIO ARRIBA AND SANDOVAL COUNTIES, NEW MEXICO	LO2	G

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
D-AFS-G65017-AR:	MANAGEMENT OF SOUTH FOURCH UNIT, OUACHITA NATIONAL FOREST, ARKANSAS	LO1	G
D-AFS-J61012-00:	FLAMING GORGE PROPOSED MANAGEMENT PLAN, ASHLEY NATIONAL FOREST, UTAH AND WYOMING	LO2	I
D-AFS-J65048-00:	BEARTOOTH PLATEAU UNIT FOR SHOSHONE, CUSTER, AND GALLATIN NATIONAL FOREST, MONTANA AND WYOMING	LO2	I
D-AFS-J65050-MT:	NINEMILE MILL PLANNING UNIT, LOLO NATIONAL FOREST, MONTANA (DES-ADM-76-20)	LO1	I
D-AFS-L61082-OR:	GRANDE RONDE PLANNING UNIT, WALLOWA-WHITMAN AND UMATILLA NATIONAL FORESTS, UNION COUNTY, OREGON (USDA-FS-R6-15)	LO2	K
D-AFS-L64003-AK:	BURNETT NON-PROFIT FISH HATCHERY, STIKINE AREA, TONGASS NATIONAL FOREST, ALASKA (FS-R10-DES-ADM-76-06)	LO1	K
D-AFS-L65021-WA:	WENATCHEE NATIONAL FOREST, OFF ROAD VEHICLE STUDY, WASHINGTON (USDA-FS-R6-DES-ADM-76-13)	LO2	K
D-AFS-L65022-OR:	TIMBER MANAGEMENT PLAN, REVISION, MT. HOOD NATIONAL FOREST, OREGON (FS-R6-DES-ADM-76-14)	LO2	K
D-REA-J07003-SD:	CLAY COUNTY STATION, BASIN ELECTRIC POWER COOPERATIVE, CLAY COUNTY, SOUTH DAKOTA	LO2	I
D-SCS-G36050-LA:	CENTRAL MADISON WATERSHED, MADISON PARISH, LOUISIANA	LO1	G
DEPARTMENT OF COMMERCE			
D-NOA-L64001-OR:	STATE OF OREGON COASTAL ZONE MANAGEMENT PROGRAM	3	K

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
DEPARTMENT OF DEFENSE			
D-UAF-F11003-00:	PROPOSED RELOCATION OF AIR FORCE COMMUNICATION SERVICE FROM RICHARDS-GEBOUR AFB TO SCOTT AFB AND OTHER MISSION REALIGNMENTS TO SCOTT AFB, JACKSON AND CASS COUNTIES, MISSOURI	LO2	F
DEPARTMENT OF INTERIOR			
D-BLM-A02012-AK:	LOWER COOK INLET, PROPOSED 1976 OIL AND GAS LEASE SALE NO. C1, OUTER CONTINENTAL SHELF (OCS), ALASKA	ER2	A
D-IBR-K28003-00:	ORME DAM AND RESERVOIR, CENTRAL ARIZONA PROJECT, SALT, GILA AND VERDE RIVERS, MARICOPA COUNTY, ARIZONA AND NEW MEXICO	ER2	J
D-NPS-K61011-AZ:	GRAND CANYON NATIONAL PARK, PROPOSED WILDERNESS CLASSIFICATION, ARIZONA	LO1	J
DEPARTMENT OF TRANSPORTATION			
D-CGD-G50001-LA:	WEST BANK EXPRESSWAY, JEFFERSON PARISH, LOUISIANA	LO2	G
D-CGD-K81005-CA:	COAST GUARD FAMILY HOUSING, EUREKA, HUMBOLDT COUNTY, CALIFORNIA	ER2	J
RD-DOT-A52094-00:	PROPOSED RULEMAKING CONCERNING MOTOR VEHICLE OCCUPANT CRASH PROTECTION	3	A
D-FAA-A52095-00:	CERTIFICATION OF GATES LEARJET MODELS 24 AND 25, AIRPLANES FOR OPERATION AT A MAXIMUM PRESSURE ALTITUDE OF 51,000 FEET	LO1	A
D-FAA-C51004-NY:	STEWART AIRPORT, RUNWAY EXTENSION, NEWBURGH, ORANGE COUNTY, NEW YORK	ER2	C
D-FAA-D51006-PA:	ERIE AIRPORT, RUNWAY EXTENSION, ERIE COUNTY, PENNSYLVANIA	LO2	D
D-FAA-G51004-TX:	RICHARDSON MUNICIPAL AIRPORT, DALLAS AND COLLINS COUNTIES, TEXAS	3	G
D-FAA-L51006-AK:	ANCHORAGE INTERNATIONAL AIRPORT, NORTH SOUTH RUNWAY, ANCHORAGE, ALASKA	LO1	K

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
D-FAA-L51005-WA:	OCEAN SHORES AIRPORT, MASTERPLAN, OCEAN SHORES KING COUNTY, WASHINGTON	LO1	K
DS-FHW-A42175-NM:	NM-44, SAN YSIDRO NORTH, SANDOVAL COUNTY, NEW MEXICO	LO1	G
D-FHW-B40018-NH:	NH-9, SULLIVAN, NELSON AND STODDARD, CHESHIRE COUNTY, NEW HAMPSHIRE (FHWA-NH-EIS-76-03-D)	LO1	B
D-FHW-E40083-TN:	TN-111, APPALACHIAN DEVELOPMENT HIGHWAY, WHITE AND PUTNUM COUNTIES, TENNESSEE (TN-EIS-76-01-D)	LO2	E
D-FHW-F40068-IL:	CARBONDALE RAILROAD AND HIGHWAY DEMONSTRATION PROJECT, JACKSON COUNTY, ILLINOIS	LO2	F
D-FHW-F40069-IN:	I-69 TO US 27, SOUTHEAST BYPASS OF FORT WAYNE, ALLEN COUNTY, INDIANA (FHWA-IND-75-07-D)	LO2	F
D-FHW-H40060-NB:	IMPROVEMENTS TO US 30 AND NB-15, SCHUYLER, COLFAX COUNTY, NEBRASKA	LO2	H
D-FHW-K40044-HI:	HAWAII BELT ROAD, HONUALOA TO PAPA, NORTH AND SOUTH, KONA, HAWAII (FHWA-HI-EIS-76-02-D)	LO2	J
D-FHW-L40035-OR:	ALLEN BOULEVARD INTERCHANGE, BEAVERTON-TIGARD HIGHWAY, OR-217, WASHINGTON COUNTY, OREGON (FHWA-OR-EIS-76-02-D)	LO2	K
D-FHW-L40038-ID:	STATE STREET CORRIDOR IMPROVEMENTS, 23RD STREET TO BROADWAY AVENUE, ADA COUNTY, IDAHO	ER2	K
D-FHW-L40042-ID:	AMERICAN FALLS DAM, I-15W-4, POWER COUNTY, IDAHO (FHWA-IDA-EIS-76-05-D)	LO2	K
FEDERAL POWER COMMISSION			
DS-FPC-A05431-WI:	CHIPPEWA PROJECT, NO. 108, SAWYER COUNTY, WISCONSIN	ER3	F
GENERAL SERVICES ADMINISTRATION			
D-GSA-F81005-WI:	US COURT HOUSE, DANE COUNTY, WISCONSIN	LO1	F

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT			
D-HUD-C85010-PR:	PUNTO ORO II RESIDENTIAL DEVELOPMENT, PONCE, PUERTO RICO	3	C
D-HUD-D85009-MD:	WHITE MARSH, JOINT VENTURE, BALTIMORE COUNTY, MARYLAND	3	D
D-HUD-F85012-MN:	TRANS UNION PLANNED UNIT DEVELOPMENT, DIAMOND PATH ADDITION, DAKOTA COUNTY, MINNESOTA (76-06)	ER2	F
D-HUD-G24001-TX:	FLORENCE HILL WATER AND SEWER PROJECT, DALLAS, TARRANT COUNTY, TEXAS	LO1	G
D-HUD-G85015-TX:	LOS RIOS SUBDIVISION, PLANO, COLLIN COUNTY, TEXAS	LO1	G
D-HUD-J85008-CO:	MISSION VIEJO, PLANNED COMMUNITY ZONE DEVELOPMENT, COLORADO	3	I
D-HUD-K85003-CA:	PROPOSED ALISO HILLS DEVELOPMENT, ORANGE COUNTY, CALIFORNIA	ER2	J
D-HUD-K89015-CA:	1977 COMMUNITY DEVELOPMENT PROGRAM AND HOUSING ASSISTANCE PLAN, CDBG, SAN FRANCISCO, CALIFORNIA	LO2	J
INTERSTATE COMMERCE COMMISSION			
D-ICC-A53041-00:	TRANSPORTATION OF RADIOACTIVE MATERIALS, SPECIAL TRAINS SERVICE	3	A
D-ICC-F53002-WI:	CHICAGO AND NORTHWESTERN TRANSPORTATION COMPANY, ABANDONMENT, SAWYER, ASLAND AND BAYFIELD COUNTIES, WISCONSIN	LO2	F
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			
D-NAS-K12002-CA:	AMES RESEARCH CENTER, MOFFETT FIELD, SANTA CLARA COUNTY, CALIFORNIA	LO2	J
NUCLEAR REGULATORY COMMISSION			
DS-AEC-A06094-SC:	BARNWELL NUCLEAR FUEL PLANT (BNFP), ALLIED GENERAL NUCLEAR SERVICES, DOCKET NO. 50-332, BARNWELL COUNTY, SOUTH CAROLINA (NUREG-0082)	1/	A
D-NRC-C06005-NY:	INDIAN POINT UNIT NO. 2, EXTENSION OF OPERATION WITH ONCE-THROUGH COOLING, DOCKET NO. 50-247, WESTCHESTER COUNTY, NEW YORK (NUREG-0080)	2/	C

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
D-NRC-G06002-OK:	BLACK FOX NUCLEAR GENERATING STATION, UNITS 1 AND 2, PUBLIC SERVICE COMPANY OF OKLAHOMA, DOCKET NOS. STN 50-556 AND STN 50-557, ROGERS COUNTY, OKLAHOMA	LO1	G
U.S. POSTAL SERVICE			
D-UPS-F81004-IL:	PROPOSED RELOCATION OF SOUTH CICERO SUBURBAN POSTAL FACILITY, CHICAGO, COOK COUNTY, ILLINOIS	LO2	F

1/ IN VIEW OF THE PENDING DECISION ON EPA'S PROPOSED URANIUM FUEL CYCLE STANDARD AND ITS INFLUENCE ON REQUIREMENTS FOR CONTROL OF LONGER-LIVES RADIONUCLIDES AT THE BARNWELL NUCLEAR FUEL PLANT, EPA WAS CURRENTLY NOT ABLE TO ASCRIBE AN OVERALL IMPACT CLASSIFICATION TO THIS PROJECT. IN LIGHT OF EPA'S REVIEW, HOWEVER, EPA HAS RATED THE DRAFT SUPPLEMENT AS CATEGORY "2", INSUFFICIENT INFORMATION.

2/ EPA'S REVIEW OF THE DRAFT EIS INDICATED THE PROPOSED AMENDMENT TO BE UNWARRANTED AND IN CONFLICT WITH EPA'S DECISIONMAKING AUTHORITY.

APPENDIX II

DEFINITIONS OF CODES FOR THE GENERAL NATURE OF EPA COMMENTS

ENVIRONMENTAL IMPACT OF THE ACTION

LO--Lack of Objection

EPA has no objections to the proposed action as described in the draft impact statement; or suggests only minor changes in the proposed action.

ER--Environmental Reservations

EPA has reservations concerning the environmental effects of certain aspects of the proposed action. EPA believes that further study of suggested alternatives or modifications is required and has asked the originating Federal agency to reassess these impacts.

EU-Environmentally Unsatisfactory

EPA believes that the proposed action is unsatisfactory because of its potentially harmful effect on the environment. Furthermore, the Agency believes that the potential safeguards which might be utilized may not adequately protect the environment from hazards arising from this action. The Agency recommends that alternatives to the action be analyzed further (including the possibility of no action at all).

ADEQUACY OF THE IMPACT STATEMENT

Category 1--Adequate

The draft impact statement adequately sets forth the environmental impact of the proposed project or action as well as alternatives reasonably available to the project or action.

Category 2--Insufficient Information

EPA believes that the draft impact statement does not contain sufficient information to assess fully the environmental impact of the proposed project or

action. However, from the information submitted, the Agency is able to make a preliminary determination of the impact on the environment. EPA has requested that the originator provide the information that was not included in the draft statement.

Category 3--Inadequate

EPA believes that the iraft impact statement does not adequately assess the environmental impact of the proposed project or action, or that the statement inadequately analyzes reasonable available alternatives. The Agency has requested more information and analysis concerning the potential environmental hazards and has asked that substantial revision be made to the impact statement.

APPENDIX III

FINAL ENVIRONMENTAL IMPACT STATEMENTS FOR WHICH
COMMENTS WERE ISSUED BETWEEN
SEPTEMBER 1, 1976 AND SEPTEMBER 30, 1976

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
CORPS OF ENGINEERS			
F-COE-A39013-MD:	PERMIT APPLICATION, DIKED DISPOSAL, HART AND MILLER ISLANDS, BALTIMORE COUNTY, MARYLAND	EPA CONTINUES TO HAVE ENVIRONMENTAL RESERVATIONS CONCERNING THE PROJECT. HOWEVER, EPA'S REVIEW OF THE FINAL EIS CONCLUDED THE SITE SELECTION TO BE ADEQUATE IN VIEW OF THE PROPOSED ALTERNATIVES. EPA BELIEVES CONTINUED INVESTIGATIONS WILL REVEAL MORE DESIRABLE TECHNIQUES TO BE USED TO MEET THE FUTURE NEEDS FOR DREDGE SPOIL DISPOSAL IN THE AREA.	D
F-COE-A39022-PA:	DELAWARE RIVER, ALLEGHENY AVENUE TO DELAIR RR BRIDGE, PHILADELPHIA, PENNSYLVANIA TO TRENTON, NEW JERSEY	EPA'S REVIEW INDICATED THE FINAL EIS WAS UNRESPONSIVE TO COMMENTS MADE BY EPA ON THE DRAFT EIS. SPECIFICALLY, EPA REQUESTED ADDITIONAL INFORMATION CONERNING SPOIL DISPOSAL SITING. BECAUSE THE FINAL EIS FAILED TO CLARIFY LOCATIONS, EPA CONTINUES TO HAVE RESERVATIONS ON THE PROJECT AS PROPOSED.	D
F-COE-B39002-MA:	PROVINCETOWN HARBOR PERMIT APPLICATION, CEE-JAY CORPORATION, PROVINCETOWN, PLYMOUTH COUNTY, MASSACHUSETTS	EPA CONTINUES TO HAVE ENVIRONMENTAL RESERVATIONS ON THE PROJECT AS PROPOSED BECAUSE OF THE UNCERTAINTY RELATIVE TO SEWAGE DISPOSAL FROM VESSEL HOLDING TANKS AND STRUCTURES COVERED BY THIS PERMIT AS WELL AS THE REALIZATION THAT ANY FUTURE CONSTRUCTION WILL POSE AN ADDITIONAL AND POSSIBLY MORE SEVERE WASTEWATER DISPOSAL PROBLEM.	B
F-COE-C03004-VI:	PROPOSAL TO CONSTRUCT AN OFFSHORE CRUDE OIL TERMINAL AND SUBMARINE PIPELINE, HESS OIL VIRGIN ISLAND CORPORATION (HOVIC), VIRGIN ISLANDS	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA REQUESTED THAT PRIOR TO OPERATION OF THE FACILITY HOVIC SUBMIT THE OIL SPILL CONTINGENCY PLAN TO EPA FOR REVIEW.	C

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
FS-COE-C36020-NY	FLOOD CONTROL PROJECT, SAW MILL RIVER, YONKERS, NEW YORK	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	C
F-COE-E30001-FL:	BEACH EROSION CONTROL AND HURRICANE SURGE PROTECTION PROJECT, DADE COUNTY, FLORIDA	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA RECOMMENDED THAT THE SPECIFICATIONS INCLUDE ALL POSSIBLE METHODS OF REDUCING THE DRIFT OF MATERIALS WHICH COULD DAMAGE THE CORAL REEFS.	E
F-COE-F30004-MI:	HOLLAND HARBOR, MITIGATION OF SHORE DAMAGE, OTTAWA COUNTY, MICHIGAN	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA REQUESTED THE OPPORTUNITY TO REVIEW ANY FUTURE SOURCES OF BEACH NOURISHMENT MATERIAL BEYOND THOSE DESCRIBED IN THE EIS. ALSO EPA RECOMMENDED THAT, IN THE EVENT EROSION ON THE NORTH BEACH IS DETECTED, BEACH NOURISHMENT ACTIVITIES BE STOPPED UNTIL REMEDIAL ACTION IS DEVELOPED.	F
F-COE-F32026-MI:	MAINTENANCE DREDGING, ST. CLAIR RIVER, FEDERAL NAVIGATION CHANNELS, MICHIGAN	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	F
F-COE-F32030-OH:	OPERATION AND MAINTENANCE, VERMILION HARBOR, ERIE COUNTY, OHIO	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	F
F-COE-F36026-IN:	LOGJAM REMOVAL PROJECT, WABASH RIVER, ADAMS COUNTY, INDIANA	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	F
F-COE-G32006-00:	MISSISSIPPI RIVER LEVEES AND CHANNEL IMPROVEMENTS, ARKANSAS, ILLINOIS, KENTUCKY, MISSOURI, LOUISIANA, MISSISSIPPI AND TENNESSEE	EPA EXPRESSED SEVERE ENVIRONMENTAL RESERVATIONS WITH THE ACTIONS PROPOSED IN THIS EIS BECAUSE OF THEIR LONG TERM CUMULATIVE IMPACTS ON THE PHYSICAL, BIOLOGICAL AND CHEMICAL INTEGRITY OF THE MISSISSIPPI RIVER SYSTEM. THE COMMENTS EXPRESS CONCERNS OVER THE DREDGE SPOIL PLACEMENT, DISPOSAL CRITERIA AND MITIGATION AND OVER THE LOSS OF RIVERINE HABITAT AND RECOMMEND THAT A MULTI-USE MANAGEMENT PLAN BE DEVELOPED FOR THE RIVER WHICH WOULD BALANCE FLOOD CONTROL AND NAVIGATION NEEDS WITH ENVIRONMENTAL NEEDS.	G
F-COE-H07003-NB:	OMAHA PUBLIC POWER DISTRICT, PERMIT, NEBRASKA CITY POWER STATION UNIT 1, OTOE COUNTY, NEBRASKA	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	H

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
F-COE-H34009-IA:	OPERATION AND MAINTENANCE, RED ROCK DAM AND LAKE, DES MOINES RIVER, IOWA	EPA CONTINUES TO HAVE ENVIRONMENTAL RESERVATIONS WITH THE OPERATION AND MAINTENANCE PROGRAM FOR THE PROJECT. BASED ON PRELIMINARY SAMPLING DATA, SEVERAL SPECIES OF FISH WHICH ARE COMMERCIALLY HARVESTED MAY BE CONTAMINATED WITH THE PESTICIDE DIELDRIN BEYOND THE LIMITS FOR HUMAN CONSUMPTION SET BY THE U.S. FOOD AND DRUG ADMINISTRATION. IN ADDITION, SAMPLING DATA INDICATED THE FECAL COLIFORM COUNTS OFTEN EXCEED THE STATE STANDARD FOR WHOLE BODY CONTACT RECREATION. EPA REQUESTED THE CORPS CONDUCT ADDITIONAL MONITORING STUDIES ON THESE PUBLIC HEALTH PROBLEMS AND RECOMMEND APPROPRIATE ADMINISTRATIVE ACTION BE TAKEN TO PROTECT PUBLIC HEALTH.	H
F-COE-K35004-HI:	HARBOR MAINTENANCE DREDGING, HAWAII	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. IN ADDITION, EPA RECOMMENDED THE CORPS MONITOR AND EVALUATE THE LONG-TERM EFFECTS OF DREDGING AND ESTABLISH A PROGRAM FOR MAINTAINING THE CAPABILITY FOR CONTINUOUS ASSESSMENT OF DREDGE MATERIAL DISPOSAL IMPACTS.	J
DEPARTMENT OF AGRICULTURE			
F-AFS-F61005-MI:	TIMBER MANAGEMENT PLAN, OTTAWA NATIONAL FOREST, GOGEBIC COUNTY, MICHIGAN	EPA'S REVIEW OF THE FINAL EIS INDICATED THE FOREST SERVICE WAS UNRESPONSIVE TO COMMENTS MADE BY EPA ON THE DRAFT EIS. SPECIFICALLY, THE TYPES OF CONTRACT PROVISIONS FOR EROSION CONTROL AND THE ADEQUACY OF THE PRESENT MONITORING PROGRAMS WERE NOT GIVEN ADEQUATE DISCUSSION IN THE FEIS.	F
F-AFS-J65026-UT:	LONE PEAK WILDERNESS STUDY, UINTA AND WASATCH NATIONAL FORESTS, UTAH	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA REQUESTED THAT THE SPECIFICS FOR WATER QUALITY MONITORING, CONSTRUCTION AND OPERATION OF BACK COUNTRY USE RESTRICTIONS BE WORKED OUT WITH THE TWO DESIGNATED 208 AGENCIES IN THIS AREA.	I

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
F-AFS-J65027-MT:	WEST KOOTENAI MULTIPLE USE PLAN, KOOTENAI NATIONAL FOREST, LINCOLN COUNTY, MONTANA	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS WITH EXCEPTION OF COMMENTS CONCERNING OFF-ROAD VEHICLE NOISE. EPA HAS REQUESTED THE FOREST SERVICE SET ASIDE APPROPRIATE AREAS THAT PROHIBIT THE USE OF MOTORIZED VEHICLES.	I
F-AFS-K61005-CA:	LAND USE PLAN, SHASTA AND CLAIR ENGLE-LEWISTON UNITS, WHISKEYTOWN, SHASTA AND TRINITY NATIONAL RECREATION AREA, SHASTA AND TRINITY COUNTIES, CALIFORNIA	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA SUGGESTED THE FOREST SERVICE EVALUATE THE RELATIVE AIR AND WATER QUALITY EFFECTS OF EACH ALTERNATIVE PRIOR TO A FINAL DECISION.	J
F-SCS-F36032-IN:	HALL-FLAT CREEK WATERSHED, DUBOIS COUNTY, INDIANA	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA REQUESTED CONSIDERATION BE GIVEN TO PERIODIC PESTICIDE ANALYSIS OF AQUATIC ORGANISMS AND THE INSTALLATION AND MAINTENANCE OF FENCED-IN GRASS BUFFERS.	F
F-SCS-F36035-IN:	BAILEY-COX-NEWTON WATERSHED, STARKE COUNTY, INDIANA	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	F
F-SCS-K34002-AZ:	BUCKHORN-MESA WATERSHED, MARICOPA AND PINAL COUNTIES, ARIZONA	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	J
DEPARTMENT OF COMMERCE			
F-EDA-J28000-UT:	PRICE RIVER WATER IMPROVEMENT, CARBON COUNTY, UTAH	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA EXPRESSED CONCERN ABOUT THE IMPACT THE PROPOSED WATER SYSTEM WOULD HAVE ON ENCOURAGING THE CONVERSION OF VALUABLE AGRICULTURAL LAND TO URBAN USES.	I
DEPARTMENT OF DEFENSE			
F-USN-J02000-WY:	DEVELOPMENT OF NAVAL PETROLEUM RESERVE NUMBER 3, TEAPOT DOME, WYOMING	EPA'S COMMENTS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA ENCOURAGED THE NAVY TO PROVIDE AN IMPERMEABLE SEAL BELOW THE EVAPORATION POND EVEN THOUGH THIS WILL NOT BE A REQUIREMENT OF THE NPDES PERMIT ISSUED BY THE WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY.	I

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
DEPARTMENT OF INTERIOR			
F-BLM-A67013-CA:	PREFERENCE RIGHT PHOSPHATE LEASE, LOS PADRES NATIONAL FOREST, VENTURA COUNTY, CALIFORNIA	EPA RAISED ISSUES REGARDING AIR QUALITY, WATER QUALITY, WATER SUPPLY, AND RADIOLOGICAL ASPECTS OF THE PROPOSED PHOSPHATE MINING LEASE APPLICATION AND RECOMMENDED THAT THE FINAL EIS BE REGARDED AS A REVISED DRAFT EIS IN VIEW OF THESE SEVERAL UNRESOLVED ISSUES AND THE 5 YEAR INTERVAL BETWEEN DRAFT AND FINAL EIS PUBLICATION. EPA'S RATING OF THIS PROJECT AWAITS FINAL ACTION BY BLM IN EPA'S RECOMMENDATIONS.	A
F-IBR-G07003-NM:	FOUR CORNERS POWERPLANT AND NAVAJO MINE, MODIFICATIONS, NEW MEXICO	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	G
F-NPS-F61004-00:	UPPER ST. CROIX NATIONAL SCENIC RIVERWAY, MINNESOTA AND WISCONSIN	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	F
DEPARTMENT OF TRANSPORTATION			
F-CGD-A50122-NJ:	NY-18 EXTENSION, BRIDGE ACROSS RARITAN RIVER, MIDDLESEX COUNTY, NEW JERSEY	EPA HAS ENVIRONMENTAL RESERVATIONS CONCERNING THE PROPOSED PROJECT'S EFFECTS ON AIR QUALITY, WATER QUALITY, NOISE, FLOODING, AND HISTORICAL SITES. EPA SUGGESTED THE COAST GUARD MEET WITH EPA TO RESOLVE THESE ISSUES PRIOR TO MAKING A DECISION ON THE PROJECT.	C
F-DOT-A41477-IL:	FAP 405, SUPPLEMENTAL FREEWAY F-5, I-474 AND I-74 TO IL-25, PEORIA COUNTY, ILLINOISE	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	F
NF-FAA-E51017-TN:	SCOTT COUNTY MUNICIPAL AIRPORT, ONEIDA, TENNESSEE	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. EPA HOWEVER, RECOMMENDED THAT SEVERAL NOISE REQUIREMENTS BE ADDRESSED IN THE ASSESSMENT.	E
F-FHW-A41885-IL:	STERLING AVENUE, FAU 8399, PEORIA COUNTY, ILLINOIS	EPA'S REVIEW OF THE FINAL EIS'S INDICATED THE FHW DID NOT ADEQUATELY RESPOND TO EPA'S COMMENTS ON THE DRAFT EIS. SPECIFICALLY, PROJECTED LAND USE, LIMITATION OF NOISE IMPACT ON EXISTING CONGESTED	F

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
		STREETS, DOWNSTREAM FLOODING EFFECTS, TRUCK USAGE AND SPEED LIMIT RESTRICTIONS AND OTHER NOISE MITIGATIVE EFFORTS HAVE NOT BEEN SATISFACTORILY ADDRESSED.	
F-FHW-K40004-AZ:	HOHOKAM EXPRESSWAY, JUNCTION I-10, WASHINGTON STREET, SALT RIVER BRIDGE, MARICOPA COUNTY, ARIZONA	EPA EXPRESSED SEVERE RESERVATIONS CONCERNING THIS PROJECT. EPA RECOMMENDED THAT FEDERAL APPROVAL OF THE PROJECT BE DELAYED UNTIL THERE IS A JOINT FEDERAL RESOLUTION OF THE ATTENDANT AIR QUALITY PROBLEMS.	J
F-FHW-K40037-NV:	I-80, ELKO AND NEVADA COUNTIES NEVADA	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	J
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT			
F-HUD-C85008-NY:	DEVELOPMENT OF INDUSTRIAL PARK, ST. JOHNSVILLE, MONTGOMERY COUNTY, NEW YORK	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	C
F-HUD-F85009-OH:	CRAWFORD HEIGHTS PROJECT, MARTINS FERRY, BELMONT COUNTY, OHIO (CDBG)	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. IN ADDITION, EPA SUGGESTED THAT THE BELMONT COUNTY SEWER AUTHORITY'S WASTEWATER FACILITIES (WTP) MUST NOT BE SUBJECTED TO INCREASED LOADING FROM THE PROPOSED DEVELOPMENT PRIOR TO THE WTP FACILITIES UPGRADING THAT WOULD CAUSE FURTHER WATER QUALITY DEGRADATION.	F
F-HUD-F85010-OH:	CONSTRUCTION OF SEWERS, 617 ACRES OF INDUSTRIAL, AND ECONOMIC DEVELOPMENT, CUYAHOGA COUNTY, OHIO (CDBG)	EPA'S REVIEW OF THE FINAL EIS INDICATED HUD WAS UNRESPONSIVE TO EPA'S COMMENTS ON THE DRAFT EIS. EPA CONTINUES OT HAVE CONCERNS REGARDING RESIDENTIAL AND SECONDARY DEVELOPMENT IN THE AREA, DRAINAGE EFFECTS, POTENTIAL AIR TRAFFIC INCREASES, POSSIBLE AIRPORT EXPANSION AND ASSOCIATED NOISE IMPACTS.	F
F-HUD-J85004-CO:	STONY CREEK, PLANNED UNIT DEVELOPMENT, JEFFERSON COUNTY, COLORADO	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, HUD HAS NOT RESPONDED TO EPA'S REQUEST FOR INFORMATION ON REGIONAL CUMULATIVE IMPACTS ON WATER AND AIR POLLUTION.	I

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
INTERSTATE COMMERCE COMMISSION			
F-ICC-C52002-NY:	MASCONY TRANSPORT AND FERRY SERVICE, INC., INITIAL OPERATIONS, NEW LONDON, CONNECTICUT TO GREENPORT, NEW YORK	EPA EXPRESSES ENVIRONMENTAL RESERVATIONS CONCERNING THE PROPOSED PROJECT'S IMPACTS ON AIR QUALITY. HOWEVER, EPA BELIEVES THAT THE IMPACTS CAN BE MITIGATED THROUGH OPERATIONAL MODIFICATIONS.	C
NUCLEAR REGULATORY COMMISSION			
FS-NRC-A06159-NY:	SELECTION OF THE PREFERRED CLOSED-CYCLE COOLING, INDIAN POINT NUCLEAR PLANT, UNIT 2, DOCKET NO. 50-247, NEW YORK (NUREG-0042)	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS.	C
U.S. POSTAL SERVICE			
F-UPS-C81001-NY:	PROPOSED AIR MAIL FACILITY AT KENNEDY INTERNATIONAL AIRPORT, NEW YORK	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA REQUESTED AN OPPORTUNITY TO REVIEW MORE INFORMATION REGARDING CARPOOLING AS IT BECOMES AVAILABLE.	C
GENERAL SERVICES ADMINISTRATION			
F-GSA-D11002-MD:	DISPOSAL OF A PORTION OF FORT HOLABIRD, BALTIMORE COUNTY, MARYLAND	EPA'S PREVIOUS CONCERNS WERE ADEQUATELY ADDRESSED IN THE SUPPLEMENT TO THE FINAL EIS.	D
F-GSA-D81005-DC:	RELOCATION OF GOVERNMENT PRINTING OFFICE, WASHINGTON D.C.	EPA'S CONCERNS WERE ADEQUATELY ADDRESSED IN THE FINAL EIS. HOWEVER, EPA BELIEVES FURTHER ANALYSIS IS NECESSARY IN ORDER TO UPDATE THE AIR QUALITY STUDY PRESENTED.	D

APPENDIX IV

FINAL ENVIRONMENTAL IMPACT STATEMENTS WHICH
WERE REVIEWED AND NOT COMMENTED ON BETWEEN
SEPTEMBER 1, 1976 AND SEPTEMBER 30, 1976

IDENTIFYING NUMBER	TITLE	SOURCE OF REVIEW
CORPS OF ENGINEERS		
F-COE-A34129-PR:	SAN JUAN HARBOR, SURVEY-REVIEW REPORT, NAVIGATION, PUERTO RICO.	C
F-COE-A35139-TX:	LAVON LAKE, TRINITY RIVER BASIN, TEXAS.	G
F-COE-A36196-VA:	WATER FILTRATION PLANT, FLOOD PROTECTION PROJECT, RICHMOND, VIRGINIA.	D
F-COE-A36784-WV:	OCEANA LOCAL FLOOD PROTECTION, UPPER GUYANDOTTE RIVER BASIN, WYOMING COUNTY, WEST VIRGINIA.	D
F-COE-D39001-MD:	STEUART INVESTMENT COMPANY, PINEY POINT, PERMIT, PIER EXTENSION, ST. MARYS COUNTY, MARYLAND.	D
F-COE-E35021-NC:	MAINTENANCE OF NAVIGATION PROJECTS ON SOUNDS OF NORTH CAROLINA, CROATAN AND PAMILICO SOUNDS.	E
F-COE-G07008-OK:	OKLAHOMA GAS AND ELECTRIC COMPANY, GENERATING STATION, PERMIT, UNITS 4 AND 5, MUSKOGEE COUNTY, OKLAHOMA.	G
F-COE-G34019-NM:	OPERATION AND MAINTENANCE, CONCHAS LAKE, CANADIAN RIVER, SAN MIGUEL COUNTY, NEW MEXICO.	G
F-COE-H07000-MO:	IATAN STEAM ELECTRIC GENERATING STATION, PLATTE COUNTY, MISSOURI.	H
F-COE-H36012-MO:	ST. JOHNS BAYOU AND NEW MADRID FLOODWAY, SCOTT, NEW MADRID, AND MISSISSIPPI COUNTIES, MISSOURI.	H
F-COE-L36006-WA:	SHELTON CREEK FLOOD CONTROL AND STORM DRAINAGE PROJECT, SHELTON, WASHINGTON.	K
FS-COE-L36030-OR:	APPLEGATE RESERVOIR, ROUGE RIVER BASIN, JACKSON COUNTY OREGON.	K
F-COE-L36036-WA:	SWINOMISH CHANNEL MAINTENANCE DREDGING, SKAGIT COUNTY, WASHINGTON.	K
DEPARTMENT OF AGRICULTURE		
F-AFS-A65112-00:	OUTLINE OF FOREST SERVICE PLANS FOR IMPLEMENTING THE FOREST AND RANGELAND RENEWABLE	A

IDENTIFYING NUMBER	TITLE	SOURCE OF REVIEW
	RESOURCES PLANNING ACT OF 1974.	
F-AFS-E65007-MS:	PORTER CREEK UNIT PLAN, HOMOCHITTO NATIONAL FOREST, FRANKLIN AND AMITE COUNTIES, MISSISSIPPI (USDA-FS-R8-FES-ADM-76-11).	E
F-AFS-E65009-NC:	CURTIS CREEK UNIT, PISGAH NATIONAL FOREST, MCDOWELL COUNTY, NORTH CAROLINA.	E
F-AFS-E65011-MS:	TIMBER MANAGEMENT PLAN, HOMOCHITTO NATIONAL FOREST MISSISSIPPI (USDA-FS-R8-FES-ADM-76-12).	E
F-AFS-E65012-MS:	BIENVILLE NATIONAL FOREST, TIMBER MANAGEMENT PLAN, JASPER, NEWTON, SCOTT AND SMITH COUNTIES, MISSISSIPPI (USDA-FS-R8-FES-ADM-76-13).	E
F-AFS-G65009-AR:	OZONE UNIT PLAN, OZARK AND ST. FRANCIS NATIONAL FOREST, JOHNSON COUNTY, ARKANSAS.	G
F-AFS-G65012-LA:	MANAGEMENT OF CANEY UNIT, KISATCHIE NATIONAL FOREST, CLARBORNE AND WEBSTER COUNTIES, LOUISIANA.	
F-AFS-G65013-AR:	MANAGEMENT COSSATOT-LITTLE MISSOURI UNIT PLAN,OUACHITA NATIONAL FOREST, ARKANSAS.	G
F-AFS-J65030-MT:	O'BRIEN-SEVENTEEN MILE-CROSS MOUNTAIN MULTIPLE USE PLAN, KOOTENAI NATIONAL FOREST, LINCOLN COUNTY, MONTANA.	I
F-AFS-J65032-MT:	LOWER WEST FORK PLANNING UNIT, BITTERROOT NATIONAL FOREST, RAVALLI COUNTY, MONTANA.	I
F-AFS-K65012-NV:	MT. CHARLESTON PLANNING UNIT, LAND USE PLAN TOYIABE NATIONAL FOREST, CLARK COUNTY, NEVADA	J
F-AFS-L61035-ID:	PIONEER MOUNTAINS PLANNING UNIT, CHALLIS AND SAWTOOTH NATIONAL FORESTS, CUSTER, BLAINE AND BUTTE COUNTIES, IDAHO (USDA-FS-R4-FES-ADM-75-23).	K
F-AFS-L61036-ID:	LAKEVIEW PLANNING UNIT, KANISKSU NATIONAL FOREST BONNER COUNTY, IDAHO (FS-R1-04-FES-ADM-R1-75-10).	K
F-AFS-L61039-ID:	LAND USE PLAN, EMERALD CREEK, ST. JOE NATIONAL FOREST, IDAHO (USDA-FS-R1-04-FES-ADM-75-13).	K
F-AFS-L61057-AK:	LAND USE PLAN, SOUTH LINDENBERG PENINSULA MANAGEMENT UNIT, TONGASS NATIONAL FOREST, KUPREANOF ISLAND, ALASKA (FS-R10-DES(ADM)76-02)	K
F-AFS-L61062-ID:	TWELVEMILE PLANNING UNIT, SALMON NATIONAL FOREST, LEMHI COUNTY, IDAHO (USDA-FS-DES-ADM- R4-76-10)	K

IDENTIFYING NUMBER	TITLE	SOURCE OF REVIEW
F-AFS-L61069-ID:	BLACKTAIL PLANNING UNIT, KANIKSU NATIONAL FOREST, BONNER AND KOOTENAI COUNTIES, IDAHO.	K
F-AFS-L65017-AK:	PASSAGE CANAL SALVAGE TIMBER SALE, CHUGACH NATIONAL FOREST, ALASKA (FS-R10-FES-ADM-76-03).	K
F-DOA-E82004-00:	TRIAL BOLL WEEVIL ERADICATION PROGRAM, VIRGINIA, NORTH AND SOUTH CAROLINA (USDA-APHIS(ADM)75-L)	E
F-REA-G07006-TX:	LIGNITE UNIT NO. 1 AND ASSOCIATED MINE AND LINES ATASCOSA, TEXAS.	G
F-REA-H09000-KS:	50 MW COMBUSTION TURBINE, GAS TURBINE NO. 2, GARDEN CITY POWER PLANT, FINNEY COUNTY, KANSAS.	H
F-REA-L08017-AK:	TEELAND TO REED, 230 KV TRANSMISSION LINE, ANCHORAGE, ALASKA.	K
DEPARTMENT OF INTERIOR		
F-BIA-A01029-WA:	SHERWOOD URANIUM PROJECT, SPOKANE INDIAN RESERVATION, STEVENS COUNTY, WASHINGTON (76-45)	K
F-BLM-G07007-00:	345 KV TRANSMISSION LINES, GREENLEE COUNTY, ARIZONA TO EL PASO, TEXAS.	G
F-DOI-D61002-WV:	NEW RIVER GORGE, NATIONAL WILD AND SCENIC RIVER, WEST VIRGINIA.	D
DEPARTMENT OF TRANSPORTATION		
F-FHW-A42190-WA:	WA-19, FOREST HIGHWAY ROUTE 19, TONASKET-SAN POIL HIGHWAY, FERRY COUNTY, WASHINGTON.	K
NF-FHW-E40023-FL:	FL-826, DADE COUNTY, FLORIDA.	E
F-FHW-E40046-GA:	US 1, NEW SAVANNAH ROAD, RICHMOND COUNTY, GEORGIA (FHWA-GA-EIS-75-06-F-(7))	E
F-FHW-G40049-TX:	I-20 AND I-820, TARRANT AND PARKER COUNTIES, TEXAS.	G
F-FHW-H40027-NB:	NB-28, SCOTTSBLUFF SOUTH, SCOTTSBLUFF COUNTY, NEBRASKA.	H
F-FHW-L40022-WA:	WA-167, JUNCTION WA-412 TO WA-18, SUMNER TO AUBURN, PIERCE AND KING COUNTIES, WASHINGTON.	K
F-FHW-L40029-ID:	CALDWELL-NAMPA BOULEVARD, US 30, CANYON COUNTY, IDAHO.	K
ENERGY RESEARCH & DEVELOPMENT ADMINISTRATION		
F-ERD-A00118-CA:	POSITRON-ELECTRON STORAGE RING PROJECT, STANFORD LINEAR ACCELERATOR CENTER, STANFORD, SAN MATOE COUNTY, CALIFORNIA (ERD-1546).	A

IDENTIFYING NUMBER	TITLE	SOURCE OF REVIEW
FEDERAL POWER COMMISSION		
F-FPC-B03000-MA:	CONSTRUCTION AND OPERATION, LNG IMPORT TERMINAL, EVERETT, MIDDLESEX COUNTY, MASSACHUSETTS.	B
F-FPC-G03001-LA:	CALCASIEU LNG PROJECT, CALCASIEU PARISH, LOUISIANA.	G
GENERAL SERVICES ADMINISTRATION		
F-GSA-L81005-ID:	FEDERAL BUILDING, POCATELLO, BANNOCK COUNTY, IDAHO.	K
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT		
F-HUD-E28014-AL:	PICKENS COUNTY WATER SYSTEMS, ALABAMA.	E

APPENDIX V

REGULATIONS, LEGISLATION AND OTHER FEDERAL AGENCY ACTIONS FOR WHICH COMMENTS WERE ISSUED BETWEEN SEPTEMBER 1, 1976 AND SEPTEMBER 30, 1976

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
DEPARTMENT OF COMMERCE			
R-EDA-A86106-00:	13 CFR PART 316, BUSINESS CREDIT AND ASSISTANCE, LOCAL PUBLIC DEVELOPMENT AND INVESTMENT PROGRAM.	EPA COMMENDED EDA ON THE PROVISIONS OF SECTION 316.13 AND INITIATED NEGOTIATIONS TO DEVELOP APPROPRIATE JOINT REVIEW OF THE APPLICATIONS SUBMITTED TO EPA.	A
DEPARTMENT OF DEFENSE			
R-USA-A65124-00:	32 CFR PART 642, REAL PROPERTY, FACILITIES ENGINEERING, NATURAL RESOURCES, LAND, FOREST AND WILDLIFE MANAGEMENT (AR 420-74)	EPA EXPRESSED RESERVATIONS ON SEVERAL ASPECTS OF THE PROPOSED RULE. THE RULE DID NOT INCLUDE ANY CONSIDERATION OF THE SPECIAL NEEDS AND VALUES OF ENVIRONMENTALLY SENSITIVE LAND AREAS SUCH AS; FLOODPLAINS, WETLANDS, STEEP SLOPES AND AQUIFER RECHARGE ZONES. THE GENERIC TERM "PESTICIDE," AS DEFINED IN ANOTHER ARMY PROPOSED REGULATION APPARENTLY EXCLUDES HERBICIDES. EPA SUGGESTED THAT THESE OVERSIGHTS BE CORRECTED. OTHER EPA COMMENTS CONCERNED EXPLICIT ADHERENCE BY THE ARMY TO ALL THE PROVISIONS OF FIFRA; THE INTER-RELATIONSHIP OF LAND USE AND WATER QUALITY IN 208 PLANNING COOPERATION; AND THE NEED FOR CLOSER CORRELATION AND CROSS REFERENCING OF THIS PROPOSED RULE WITH THE EXISTING ARMY REGULATION (32 CFR 650) ON ENVIRONMENTAL PROTECTION.	A
R-USA-A82097-00:	32 CFR PART 657, ENVIRONMENTAL QUALITY, FACILITIES ENGINEERING, PEST CONTROL SERVICES	EPA IDENTIFIED THE NEED FOR SEVERAL CLARIFICATIONS IN THESE REGULATIONS.	A

IDENTIFYING NUMBER	TITLE	GENERAL NATURE OF COMMENTS	SOURCE FOR COPIES OF COMMENTS
DEPARTMENT OF INTERIOR			
A-BLM-A02103-00:	OUTER CONTINENTAL SHELF (OCS) OFFSHORE CALIFORNIA, CALL FOR NOMINATIONS OF AND COMMENTS ON AREA FOR OIL AND GAS LEASING.	EPA ENCOURAGED DOI TO TAKE ADVANTAGE OF THE LEAD TIME AVAILABLE BEFORE LEASE SALES IN THIS AREA TO DEVELOP (1) PROBABILITIES AND TRAJECTORIES OF OIL SPILLS, (2) SPECIFIC MITIGATORY ACTIONS IN THE EVENT OF A SPILL, AND (3) SITE-SPECIFIC QUANTIFICATION OF THE RESOURCES (WILDLIFE, FISHERIES, ETC.) LIKELY TO BE AFFECTED BY OIL SPILLS AND GENERAL OCS DEVELOPMENT. EPA ALSO URGED THE EARLY DEVELOPMENT OF OPERATING ORDERS FOR THE AREA.	A
A-BLM-A02105-AK:	BEAUFORT SEA OUTER CONTINENTAL SHELF (OCS), PROPOSED OIL AND GAS SALE NO. 50, NORTHERN GULF OF ALASKA, PROPOSED AREA EXTENSION (SEE A02093)	EPA REITERATED ITS POSITION, EXPRESSED IN PREVIOUS CORRESPONDENCE, THAT THE BEAUFORT SEA LEASE SALE BE DEFERRED UNTIL LAST BECAUSE OF THE HIGH RISK OF AN OIL SPILL AND THE SERIOUS ENVIRONMENTAL DAMAGE THAT WOULD RESULT FROM SUCH A SPILL.	A

APPENDIX VI

SOURCE FOR COPIES OF EPA COMMENTS

A. Public Information Reference Unit (PM-213)
Environmental Protection Agency
Room 2922, Waterside Mall, SW
Washington, D.C. 20460

B. Director of Public Affairs, Region 1
Environmental Protection Agency
John F. Kennedy Federal Building
Boston, Massachusetts 02203

C. Director of Public Affairs, Region 2
Environmental Protection Agency
26 Federal Plaza
New York, New York 10007

D. Director of Public Affairs, Region 3
Environmental Protection Agency
Curtis Building, 6th and Walnut Streets
Philadelphia, Pennsylvania 19106

E. Director of Public Affairs, Region 4
Environmental Protection Agency
345 Courtland Street NE
Atlanta, Georgia 30308

F. Director of Public Affairs, Region 5
Environmental Protection Agency
230 South Dearborn Street
Chicago, Illinois 60604

G. Director of Public Affairs, Region 6
Environmental Protection Agency
1201 Elm Street
Dallas, Texas 75270

H. Director of Public Affairs, Region 7
Environmental Protection Agency
1735 Baltimore Street
Kansas City, Missouri 64108

I. Director of Public Affairs, Region 8
Environmental Protection Agency
1860 Lincoln Street
Denver, Colorado 80203

J. Director of Public Affairs, Region 9
Environmental Protection Agency
100 California Street
San Francisco, California 94111

K. Director of Public Affairs, Region 10
Environmental Protection Agency
1200 Sixth Avenue
Seattle, Washington 98101

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